

serotec supplement

Kostenlose Serotec-Serviceline in Deutschland!



Ab sofort steht Ihnen bei Biozol die neue Serotec-Serviceline Rufnummer 0800-3799-333 zur Verfügung. Dort hilft Ihnen Ihre neue Serotec-Produktmanagerin Frau Karin Welp (Bild links) gerne bei Ihren Fragen, Wünschen und Problemen direkt weiter.

Wir freuen uns auf Ihre Anfragen, die Sie gerne auch per e-mail unter serotec@biozol.de an uns richten können.

Detecting Intracellular antigens by flow cytometry

A new leaflet highlighting our range of reagents suitable for intracellular flow cytometry is now available.

Products detailed include antibodies for the detection of intracellular mouse and human cytokines, antigens associated with leukaemia and our unique Leucoperm™ that as well as being easy to use, allows the antibodies to permeate into cells producing fast, reproducible optimal staining. Call us for your copy now.

Reagents for functional studies

We now have animal sera and other reagents available in AZIDE FREE formats. These are especially useful for studies on systems where cell viability is vital. For further details contact us.

A New Monoclonal for Murine Research

CD153, the ligand for CD30, is a type II transmembrane protein which belongs to the Tumour Necrosis Factor (TNF) superfamily. In mouse, CD153 has been reported to be transiently expressed upon activated T lymphocytes, primarily CD4 positive cells, with peak expression occurring 24 hours after *in vitro* stimulation. Studies suggest that the CD30-CD153 interaction may play an immunoregulatory role in the development of the immune response, and may also be important in the pathogenesis of Th2-mediated autoimmune diseases.

Serotec is pleased to announce the launch of a new monoclonal antibody recognising the murine CD30 ligand (CD153). Clone RM153 (product code MCA1928) has also been shown to inhibit the binding of CD30 to murine CD153, which makes this antibody a valuable reagent for studying the expression and function of murine CD153 both *in vivo* and *in vitro*. Shimozato O *et al* (1999) Expression of CD30 Ligand (CD153) on Murine Activated T Cells. *Biochemical and Biophysical Research Communications*.256:519 - 526.

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Serotec Extends Hours for the West Coast

Starting in April, Serotec Inc. will be open for your calls from 8:30 am to 8:30 pm eastern time.

The toll-free number stays the same.

1-800-265-7376.

Serotec will be attending the 7th Workshop and Conference for Human Leucocyte Differentiation Antigens as one of the main sponsors. The event, to be held in Harrogate, England will run from 20-24 June, and will define the CD nomenclature for many new antigens associated with leucocytes and endothelial cells, and for the first time, their veterinary homologues. Other new areas will be specific workshops devoted to dendritic cells, stem cells and cytokine/chemokine receptors, and erythrocytes will also be included for the first time.

Following the outstanding success of our famous "CD Poster", Serotec will be publishing a new revised version with all the newly defined CDs.

Anyone wanting one of these colourful wallcharts free of charge should contact Serotec as soon as possible by phone, fax or e-mail (see back page). Guarantee your poster by contacting us now.



Meet Serotec at the following Shows in 2000

Event	Venue	Dates
UK		
Phage Antibody Conference	Cleminson Hall, University of Hull	11-13 April 2000
Pathology 2000	Birmingham	15-17 May 2000
7th HLDA Conference	Harrogate	19-24 June 2000
British Cancer Research Meeting	University of Sussex, Brighton	9-12 July 2000
Midland Cellibration 2000	St John Swallow Hotel, Solihull	6-8 October 2000
International		
ISAC XX International Congress	Le Corum Montpellier, France	20-25 May 2000
The 31st Scandinavian Meeting for Immunology	Majvik, Finland	23-27 August 2000
USA		
America Association of Cancer Research	San Francisco	1-5 April 2000
American Association of Immunology	Seattle	12-16 May 2000
American Association of Clinical Chemistry	San Francisco	25-27 July 2000
National Society for Histotechnology	Milwaukee	6-21 September 2000
American Society of Hematology	San Francisco	1-5 December 2000

PRIZE DRAW WINNERS (BSI 7th Annual Congress, November 1999, Harrogate)

Congratulations to our lucky winners

First Prize: Hamper

Mrs Xin Smith,
Dept. Surgery, Addenbrooke's Hospital, Cambridge

Runners up: Leucocyte Typing V books

- Ms June Lynam, Life Sciences, Nottingham Trent University, Nottingham
- Dr Trish Lalor, Medicine, University Birmingham
- Dr J.B. Marriott, Oncology, SGHMS, Cranmer Terrace, London

- Michelle Court, Molecular Sciences, St James's Hospital, Leeds
- C Louis-Dit-Sully, Pathology, University Cambridge
- Heidi Robinson, ITD, LSHTM, Keppel Street, London

INHIBIN A - IVF Embryo Transfer OK?

Inhibin A is looking like the most reliable marker of successful embryo transfer (ET) in 'in vitro' fertilisation (IVF). Research work performed by Dr Gillian Lockwood of the Fertility Unit at the John Radcliffe Hospital in Oxford,

suggests that Inhibin A is the most dependable marker for the early investigation of embryo implantation (and likely pregnancy outcome in IVF pregnancies). Inhibin A is a product of the fetoplacental unit and thus the early establishment of pregnancy results in a rise in Inhibin A levels as the placenta develops.

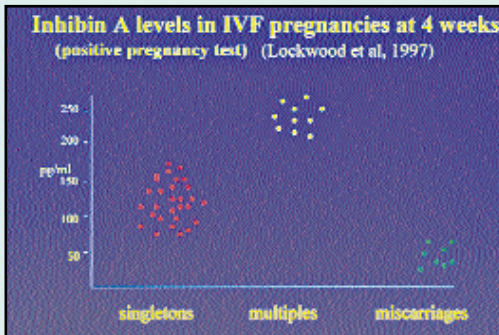
The traditional hCG pregnancy test is unreliable at such an early stage of pregnancy due to its long half-life which means that even a non-viable pregnancy may have 'normal' hCG levels.

The scatter plot shows the Inhibin A levels measured in a number of pregnancy cases at 4 weeks gestation, 13 days

following embryonic transfer on the day of positive pregnancy test. The findings clearly demonstrate Inhibin A levels as being substantially raised in singleton pregnancies and even higher in multiples. In those cases where pregnancy was unsuccessful and miscarriage resulted, Inhibin A levels failed to increase.

Reference: Lockwood, GM *et al* (1997) *Biology of Reproduction* 57:1490-1494

Inhibin A Assay Kit (Product Code: MCA950KZZ) and Monoclonal antibodies for detecting Inhibin A (Product Codes: MCA 9505 and MCA 9515) are manufactured by Oxford Bio Innovation Ltd.



Differentiation of B-CLL from MCL using Serotec's exclusive anti CD79a antibody

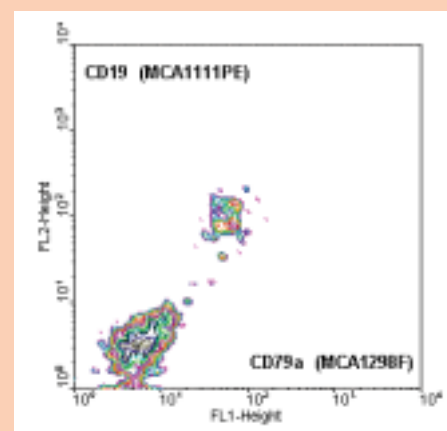
Researchers studying human B lymphocytes in both health and disease regularly use antibodies specific for the B cell receptor component CD79a to identify B lymphocytes, as expression is restricted only to B cells. A number of antibodies recognising CD79a have been produced, many of which are available commercially. It has recently been shown that the epitope recognised by the Serotec clone, ZL7.4, gives this antibody an important application for researchers in the important field of lymphoma characterisation.

ZL7.4 recognises a cell surface epitope of CD79a, and is an excellent marker for the detection on B lymphocytes. It may be used in flow cytometry without the need for cell permeabilisation, as is required for a number of other CD79a reagents. The particular epitope detected appears not to be expressed by the malignant cells in cases of B cell chronic lymphocytic leukaemia (B-CLL). The antibody does, however, recognise the malignant cells of mantle cell lymphoma (MCL), which in leukaemic phase can be very difficult to distinguish from B-CLL using standard panels of immunophenotyping reagents.

ZL7.4 is therefore of considerable value in distinguishing these two disease types, an important distinction given the much worse prognosis of MCL compared to B-CLL.

References:

- 1 Bell, P.B. *et al* (1999) CD79a detected by ZL7.4 separates chronic lymphocytic leukaemia from mantle cell lymphoma in the chronic phase. *Cytometry* (Comm. Clin. Cytometry) 38:102-105.
- 2 Zhang, L. *et al* (1995) The development of anti-CD79 monoclonal antibodies for treatment of B-cell neoplastic disease. *Therapeutic Immunol.* 2:191-202.



CD79a/CD19 staining of normal human peripheral blood lymphocytes, demonstrating specificity of CD79a for CD19+ve B cells

Catalogue No.	Description	Size	Price Code
MCA1298	mouse anti human CD79 alpha	0.2mg	S
MCA1298F	mouse anti human CD79 alpha	0.1mg	P

New SIMA-4D3 Monoclonal antibody

Our new SIMA-4D3 monoclonal antibody (Cat. No. MCA1932) is useful as a highly selective marker for colorectal and gastric tumour cells. Comparative clinical trials have shown that SIMA (Small Intestine Mucinous Antigen), as a marker, is as effective as CEA (CD66e) for detecting colorectal tumours and is more effective than CEA at detecting gastric tumours. A panel of antibodies comprising both markers may increase the success of tumour identification compared with the use of only one of the antibodies. Our CEA monoclonal antibody is available in a ready to use format (Cat. No. MCA843H). Used together with our high affinity secondary antibodies, these primary antibodies can be labeled with FITC, TRITC, Alk. Phos or HRP for a variety of applications. See new product update tables for further information. For further details, please call or e-mail us.

Our
datasheets are
now available
online from our
website

www.serotec.co.uk

NEW
PRODUCTS
FOR 2000

New Veterinary Reagents for 2000

Affinity purified antibodies for Veterinary Research

The immune responses of species other than human have become of increasing importance in the last decade. Xenotransplantation studies, zoonotic diseases and a heightened interest in the immunology of companion animals has led to the need for suitable reagents to study these responses. Due to the cost of developing high quality species specific antibodies many researchers have had to make do with cross reacting or low purity reagents, until now. Serotec is proud to announce the introduction of a new range of antibodies recognising immunoglobulins in various domestic and companion animals. Affinity purified polyclonal antibodies are now available to a wide range of immunoglobulin subclasses for the following species;

- Bovine
- Canine
- Chicken
- Equine
- Feline
- Porcine

These high quality reagents are also supplied conjugated to FITC or HRP making them ideal for use in flow cytometry or in ELISA assays. Please contact us for further details of available antibody specificities.

ANTIBODY LOCATION SERVICE

Having problems
sourcing Antibodies?

Save yourself time and money and ring Serotec. We offer a FREE Antibody Location Service. If we cannot supply the antibody of your choice directly, we will try and recommend a supplier who can.

New Product Update Table

Description	Host	Clone	Isotype	Format	Quantity / Volume	Applications	Catalogue No	Price Code
NEW ANTIBODY PRODUCTS								
ANTI BACTERIOPHAGE-M13	MOUSE	E1	IgG2a	PURIFIED	0.1mg	F,E	MCA1858	W
ANTI BACTERIOPHAGE-M13: BIOTIN	MOUSE	E1	IgG2a	BIOTIN	0.1mg	F,E	MCA1858B	W
ANTI CANINE B CELLS	MOUSE	CA2.1D6	IgG1	S/N	2.0ml	F,C,IP	MCA1781S	M
ANTI CHICKEN IgA	GOAT	-	-	PURIFIED	1.0mg	E,ID	AAI28	K
ANTI CHICKEN IgA:FITC	GOAT	-	-	FITC	1.0mg	F,C	AAI28F	L
ANTI CHICKEN IgA:HRP	GOAT	-	-	HRP	1.0mg	E	AAI28P	P
ANTI CHICKEN IgG	GOAT	-	-	PURIFIED	1.0mg	E,ID	AAI29	J
ANTI CHICKEN IgG:HRP	GOAT	-	-	HRP	1.0mg	E	AAI29P	L
ANTI CHICKEN IgM	GOAT	-	-	PURIFIED	1.0mg	E,ID	AAI27	K
ANTI CHICKEN IgM:FITC	GOAT	-	-	FITC	1.0mg	F,C	AAI29F	K
ANTI CHICKEN IgM:FITC	GOAT	-	-	FITC	1.0mg	F,C	AAI27F	L
ANTI CHICKEN IgM:HRP	GOAT	-	-	HRP	1.0mg	E	AAI27P	P
ANTI MOUSE CIDE-A	RABBIT	-	-	PURIFIED	0.1mg	WB	AHP541	R
ANTI MOUSE CIDE-B	RABBIT	-	-	PURIFIED	0.1mg	WB	AHP542	R
ANTI HEPATITIS B CORE ANTIGEN	RABBIT	-	-	READY TO USE	6.0ml	C,P	AHP520H	P
ANTI HEPATITIS B SURFACE ANTIGEN	MOUSE	S1-210	IgG2b	CONCENTRATED	1.0ml	C,P	MCA1910	Q
ANTI HEPATITIS SURFACE B ANTIGEN	MOUSE	S1-210	IgG2b	READY TO USE	6.0ml	C,P	MCA1910H	N
ANTI HUMAN ACTH	RABBIT	-	-	READY TO USE	6.0ml	C,P	AHP517H	M
ANTI HUMAN ACTH	RABBIT	-	-	CONCENTRATED	1.0ml	C,P	AHP517	P
ANTI HUMAN ACTIN (MUSCLE)	MOUSE	HHF35	IgG1	CONCENTRATED	1.0ml	C,P	MCA1906	S
ANTI HUMAN ACTIN (MUSCLE)	MOUSE	HHF35	IgG1	READY TO USE	6.0ml	C,P	MCA1906H	Q
ANTI HUMAN ACTIN (SMOOTH MUSCLE)	MOUSE	1A4	IgG2a	CONCENTRATED	1.0ml	C,P*	MCA1905	Q
ANTI HUMAN ACTIN (SMOOTH MUSCLE)	MOUSE	1A4	IgG2a	READY TO USE	6.0ml	C,P*	MCA1905H	P
ANTI HUMAN ALPHA-1 ANTITRYPSIN	RABBIT	-	-	CONCENTRATED	1.0ml	C,P	AHP524	Q
ANTI HUMAN ALPHA-1 ANTITRYPSIN	RABBIT	-	-	READY TO USE	6.0ml	C,P	AHP524H	M
ANTI HUMAN ALPHA-1 FETOPROTEIN	RABBIT	-	-	CONCENTRATED	1.0ml	C,P	AHP457	L
ANTI HUMAN AMYLOID PRECURSOR PROTEIN (CT)	RABBIT	-	-	PURIFIED	0.1mg	WB	AHP538	N
ANTI HUMAN AMYLOID PRECURSOR PROTEIN (NT)	RABBIT	-	-	PURIFIED	0.1mg	WB	AHP539	N
ANTI HUMAN c-ERB-B2	MOUSE	CB11	IgG1	READY TO USE	6.0ml	C,P*	MCA1920H	U
ANTI HUMAN c-ERB-B2	MOUSE	CB11	IgG1	CONCENTRATED	1.0ml	C,P*	MCA1920	W
ANTI HUMAN C-MYC	RAT	JAC6	IgG	PURIFIED	0.1mg	IP,WB,C	MCA1929	R
ANTI HUMAN C1q	SHEEP	-	-	PURIFIED	1.0ml	ID	AHP033	N
ANTI HUMAN CA-125	MOUSE	OC 125	IgG1	CONCENTRATED	1.0ml	C,P*	MCA1914	Y
ANTI HUMAN CA-125	MOUSE	OC 125	IgG1	READY TO USE	6.0ml	C,P*	MCA1914H	Q
ANTI HUMAN CA19-9	MOUSE	1116-NS-19-9	IgG1	READY TO USE	6.0ml	C,P	MCA1913H	Q
ANTI HUMAN CA19-9	MOUSE	1116-NS-19-9	IgG1	CONCENTRATED	1.0ml	C,P	MCA1913	Y
ANTI HUMAN CALCITONIN	RABBIT	-	-	CONCENTRATED	1.0ml	C,P	AHP518	M
ANTI HUMAN CALCITONIN	RABBIT	-	-	READY TO USE	6.0ml	C,P	AHP518H	L
ANTI HUMAN CD11a	MOUSE	38	IgG2a	AZIDE FREE	1.0mg	F,C,IP,FN	MCA1848XZ	Z
ANTI HUMAN CD135:RPE	MOUSE	BV10A4H2	IgG1	RPE	100 TESTS	F	MCA1843PE	S
ANTI HUMAN CD20	MOUSE	L26	IgG2a	READY TO USE	6.0ml	C,P	MCA1915H	L
ANTI HUMAN CD20	MOUSE	L26	IgG2a	CONCENTRATED	1.0ml	C,P	MCA1915	R
ANTI HUMAN CD20	MOUSE	2H7	IgG2b	BIOTIN	0.1mg	F	MCA1710B	N
ANTI HUMAN CD22:BIOTIN	MOUSE	Mc 64-12	IgG1	BIOTIN	0.1mg	F	MCA1380B	N
ANTI HUMAN CD35	MOUSE	E11	IgG1	AZIDE FREE	1.0mg	F,P*,C	MCA554XZ	Z
ANTI HUMAN CD4:BIOTIN	MOUSE	RPA-T4	IgG1	BIOTIN	0.1mg	F	MCA1267B	N
ANTI HUMAN CD43	MOUSE	MT-1	IgG1	CONCENTRATED	1.0ml	C,P	MCA1918	S
ANTI HUMAN CD43	MOUSE	MT-1	IgG1	READY TO USE	6.0ml	C,P	MCA1918H	L
ANTI HUMAN CD45 (LCA)	MOUSE	2B11 + PD7/26/16	IgG1	CONCENTRATED	1.0ml	C,P	MCA1921	P
ANTI HUMAN CD45 (LCA)	MOUSE	2B11 + PD7/26/16	IgG1	READY TO USE	6.0ml	C,P	MCA1921H	N
ANTI HUMAN CD45RO	MOUSE	UCHL-1	IgG2a	READY TO USE	6.0ml	C,P	MCA461H	L
ANTI HUMAN CD6:FITC	MOUSE	MEM-98	IgG1	FITC	0.1mg	F	MCA1880F	N
ANTI HUMAN CD63	MOUSE	LP9	IgM	PURIFIED	0.25mg	F	MCA357G	S
ANTI HUMAN CD66e (CEA)	MOUSE	85A12	IgG1	CONCENTRATED	1.0ml	C,P	MCA843	N
ANTI HUMAN CD71	MOUSE	DF1513	IgG1	AZIDE FREE	1.0mg	F	MCA1148XZ	Z
ANTI HUMAN CD99	MOUSE	013	IgG1	READY TO USE	6.0ml	C,P	MCA1919H	Q
ANTI HUMAN CD99	MOUSE	013	IgG1	CONCENTRATED	1.0ml	C,P	MCA1919	Z
ANTI HUMAN CHORIONIC GONADOTROPHIN	RABBIT	-	-	CONCENTRATED	1.0ml	C,P	AHP536	L

New Product Update Table

Description	Host	Clone	Isotype	Format	Quantity / Volume	Applications	Catalogue No	Price Code
ANTI HUMAN CHORIONIC GONADOTROPHIN	RABBIT	-	-	READY TO USE	6.0ml	C,P	AHP536H	L
ANTI HUMAN CHROMOGRANIN A	MOUSE	LK2H10	IgG1	CONCENTRATED	1.0ml	C,P	MCA845	P
ANTI HUMAN CYCLIN D1:FITC	MOUSE	CD1.1	IgG1	FITC	100 TESTS	F*	MCA1756F	T
ANTI HUMAN CYTOKERATIN (PAN)	MOUSE	AE1/AE3	IgG1	READY TO USE	6.0ml	F,P*	MCA1907H	L
ANTI HUMAN CYTOKERATIN (PAN)	MOUSE	AE1/AE3	IgG1	CONCENTRATED	1.0ml	C,P*	MCA1907	M
ANTI HUMAN CYTOKERATIN TYPE I	MOUSE	AE1	IgG1	READY TO USE	6.0ml	C,P*	MCA887H	L
ANTI HUMAN CYTOKERATIN TYPE II	MOUSE	AE3	IgG1	PURIFIED	0.2ml	C,P,IP,WB	MCA888	V
ANTI HUMAN EMA	MOUSE	E29	IgG2a	CONCENTRATED	1.0ml	C,P	MCA1908	P
ANTI HUMAN EMA	MOUSE	E29	IgG2a	READY TO USE	6.0ml	C,P	MCA1908H	M
ANTI HUMAN FSH	RABBIT	-	-	READY TO USE	6.0ml	C,P	AHP519H	L
ANTI HUMAN FSH	RABBIT	-	-	CONCENTRATED	1.0ml	C,P	AHP519	P
ANTI HUMAN GFAP	MOUSE	DP46.10	IgG1	CONCENTRATED	1.0ml	C,P	MCA1909	Q
ANTI HUMAN GFAP	MOUSE	DP46.10	IgG1	READY TO USE	6.0ml	C,P	MCA1909H	M
ANTI HUMAN GFR ALPHA-2	RABBIT	-	-	PURIFIED	0.1mg	WB	AHP479	S
ANTI HUMAN GLUCAGON	RABBIT	-	-	READY TO USE	6.0ml	C,P	AHP534H	K
ANTI HUMAN GLUCAGON	RABBIT	-	-	CONCENTRATED	1.0ml	C,P	AHP534	N
ANTI HUMAN IgA	RABBIT	-	-	READY TO USE	6.0ml	C,P	AHP525H	I
ANTI HUMAN IgG	RABBIT	-	-	READY TO USE	6.0ml	C,P*	AHP526H	I
ANTI HUMAN IgM	RABBIT	-	-	READY TO USE	6.0ml	C,P	AHP527H	I
ANTI HUMAN IKK ALPHA	RABBIT	-	-	PURIFIED	0.1mg	WB	AHP546	R
ANTI HUMAN IKK ALPHA	RABBIT	-	-	PURIFIED	0.1mg	WB	AHP544	R
ANTI HUMAN IKK ALPHA	RABBIT	-	-	PURIFIED	0.1mg	WB	AHP545	R
ANTI HUMAN IKK BETA (662-680)	RABBIT	-	-	PURIFIED	0.1mg	WB	AHP547	R
ANTI HUMAN IL-1R ACCESSORY PROTEIN	RABBIT	-	-	PURIFIED	0.1mg	WB	AHP549	R
ANTI HUMAN INSULIN	MOUSE	E2E3	IgG1	READY TO USE	6.0ml	C,P	MCA1911H	O
ANTI HUMAN INSULIN	MOUSE	E2E3	IgG1	CONCENTRATED	1.0ml	C,P	MCA1911	Q
ANTI HUMAN INTERLEUKIN 1R ACCESSORY PROTEIN (549-569)	RABBIT	-	-	PURIFIED	0.1mg	WB	AHP548	R
ANTI HUMAN IRAK2 (546-564)	RABBIT	-	-	PURIFIED	0.1mg	WB	AHP550	R
ANTI HUMAN KAPPA LIGHT CHAIN	RABBIT	-	-	READY TO USE	6.0ml	C,P*	AHP528H	I
ANTI HUMAN LAMBDA LIGHT CHAIN	RABBIT	-	-	READY TO USE	6.0ml	C,P*	AHP529H	I
ANTI HUMAN LUTEINISING HORMONE	RABBIT	-	-	READY TO USE	6.0ml	C,P	AHP521H	L
ANTI HUMAN LUTEINISING HORMONE	RABBIT	-	-	CONCENTRATED	1.0ml	C,P	AHP521	S
ANTI HUMAN MAST CELL CHYMASE	MOUSE	CC1	IgG1	PURIFIED	0.1mg	P,WB,E	MCA1930	Q
ANTI HUMAN MOESIN	MOUSE	38/87	IgG1	PURIFIED	0.2mg	F,C,E,IP,WB	MCA1922	Q
ANTI HUMAN Myd88 (233-248)	RABBIT	-	-	PURIFIED	0.1mg	WB	AHP551	R
ANTI HUMAN MyD88 (279-296)	RABBIT	-	-	PURIFIED	0.1mg	WB	AHP552	R
ANTI HUMAN MYOGLOBIN	RABBIT	-	-	READY TO USE	6.0ml	C,P	AHP530H	L
ANTI HUMAN MYOGLOBIN	RABBIT	-	-	CONCENTRATED	1.0ml	C,P	AHP530	M
ANTI HUMAN MYOSIN	MOUSE	MY-32	IgG1	READY TO USE	6.0ml	C,P	MCA1912H	M
ANTI HUMAN MYOSIN	MOUSE	MY-32	IgG1	CONCENTRATED	1.0ml	C,P	MCA1912	Q
ANTI HUMAN NSE	MOUSE	BBS/NC/V1-H14	IgG1	CONCENTRATED	1.0ml	C,P*	MCA1764	W
ANTI HUMAN p53	RABBIT	-	-	READY TO USE	6.0ml	C,P*	AHP535H	W
ANTI HUMAN p53	RABBIT	-	-	CONCENTRATED	1.0ml	C,P*	AHP535	Z
ANTI HUMAN PCNA	MOUSE	PC-10	IgG2a	READY TO USE	6.0ml	C,P	MCA1558H	W
ANTI HUMAN PLACENTAL ALK. PHOS.	RABBIT	-	-	CONCENTRATED	1.0ml	C,P	AHP537	M
ANTI HUMAN PLACENTAL ALK. PHOS.	RABBIT	-	-	READY TO USE	6.0ml	C,P	AHP537H	L
ANTI HUMAN PSA	MOUSE	ER-PR8	IgG1	READY TO USE	6.0ml	C,P	MCA1916H	J
ANTI HUMAN PSA	MOUSE	ER-PR8	IgG1	CONCENTRATED	1.0ml	C,P	MCA1916	N
ANTI HUMAN RAIDD	RABBIT	-	-	PURIFIED	0.1mg	WB	AHP553	R
ANTI HUMAN S-100 PROTEIN	RABBIT	-	-	CONCENTRATED	1.0ml	C,P	AHP385	L
ANTI HUMAN SEROTONIN	RABBIT	-	-	CONCENTRATED	1.0ml	C,P	AHP522	P
ANTI HUMAN SEROTONIN	RABBIT	-	-	READY TO USE	6.0ml	C,P	AHP522H	L
ANTI HUMAN SOMATOSTATIN	RABBIT	-	-	READY TO USE	6.0ml	C,P	AHP533H	L
ANTI HUMAN SOMATOSTATIN	RABBIT	-	-	CONCENTRATED	1.0ml	C,P	AHP533	P
ANTI HUMAN THYROGLOBULIN	RABBIT	-	-	READY TO USE	6.0ml	C,P	AHP532H	L
ANTI HUMAN THYROGLOBULIN	RABBIT	-	-	CONCENTRATED	1.0ml	C,P	AHP532	M
ANTI HUMAN TSH	RABBIT	-	-	CONCENTRATED	1.0ml	C,P	AHP523	M
ANTI HUMAN TSH	RABBIT	-	-	READY TO USE	6.0ml	C,P	AHP523H	L
ANTI HUMAN VIMENTIN	MOUSE	V9	IgG1	CONCENTRATED	1.0ml	C,P*	MCA862	Q
ANTI MOUSE CAD	RABBIT	-	-	PURIFIED	0.1mg	WB	AHP543	R
ANTI MOUSE CD11b	RAT	5C6	IgG2b	AZIDE FREE	1.0mg	F,C,IP,WB,FN	MCA711XZ	T
ANTI MOUSE CD11b	RAT	5C6	IgG2b	PURIFIED	1.0mg	F,C,IP,WB	MCA711G	N
ANTI MOUSE CD153	RAT	RM153	IgG2b	PURIFIED	0.2mg	F	MCA1928	P

NOT FOR SALE IN JAPAN

New Product Update Table

Description	Host	Clone	Isotype	Format	Quantity / Volume	Applications	Catalogue No	Price Code
ANTI MOUSE CD153:BIOTIN - NOT FOR SALE IN JAPAN	RAT	RM153	IgG2b	BIOTIN	0.1mg	F	MCA1928B	K
ANTI MOUSE CD153:RPE - NOT FOR SALE IN JAPAN	RAT	RM153	IgG2b	RPE	50 TESTS	F	MCA1928PE	L
ANTI MOUSE CD34	RAT	MEC14.7	IgG2a	PURIFIED	0.25mg	F,C,IP	MCA1825	N
ANTI MOUSE CD34:FITC	RAT	MEC14.7	IgG2a	FITC	0.1mg	F	MCA1825F	J
ANTI MOUSE NC1.1	MOUSE	IC4	IgG1	AZIDE FREE	1.0mg	F,IP,WB	MCA1763XZ	Y
ANTI PORCINE IFN ALPHA 1	MOUSE	G16	IgG1	PURIFIED	0.25mg	WB,E,FN	MCA1935Z	R
ANTI PORCINE IFN GAMMA	MOUSE	G47	IgG1	PURIFIED	0.25mg	E	MCA1936	R
ANTI RAT BETA 2 MICROGLOBULIN	MOUSE	TLD-3H12B	IgG1	PURIFIED	0.25mg	F,C,WB	MCA1740	K
ANTI RAT MHC CLASS I	MOUSE	F16-4-4	IgG1	S/N	5ml	F,C	MCA94S	J
OTHER NEW REAGENTS								
AEC CONCENTRATE					2.0ml		BUF019A	E
AEC CONCENTRATE					3.0ml		BUF019B	H
AEC SUBSTRATE BUFFER					2 x 50ml		BUF020	C
AVIDIN/BIOTIN BLOCKING SYSTEM					30ml		BUF016	H
DAB CONCENTRATE					4.0ml		BUF021A	E
DAB CONCENTRATE					6.0ml		BUF021B	H
DAB SUBSTRATE BUFFER					2 x 50ml		BUF022	C
DONKEY SERUM - AZIDE FREE				AZIDE FREE	100ml		C06SBZ	E
FAST RED SUBSTRATE BUFFER					2 x 50ml		BUF024	C
FAST RED TABLETS					20 TABLETS		BUF023	H
GOAT SERUM - AZIDE FREE				AZIDE FREE	100ml		C07SAZ	I
GUINEA PIG SERUM - AZIDE FREE				AZIDE FREE	5.0ml		C08SAZ	B
HAMSTER IgG NEGATIVE CONTROL HAMSTER (SYRIAN) - FITC	-		IgG	PURIFIED	0.5mg	F	MCA1367	J
HAMSTER IgG NEGATIVE CONTROL: HAMSTER (SYRIAN) FITC	-		IgG	FITC	0.5mg	F	MCA1367F	J
HAMSTER IgG NEGATIVE CONTROL: HAMSTER (SYRIAN) PE	-		IgG	RPE	0.1mg	F	MCA1367PE	J
HORSE SERUM - AZIDE FREE				AZIDE FREE	100ml		C09SAZ	B
HUMAN SECRETORY IgA				PURIFIED	0.5mg		PHP133	K
INHIBIN A-HUMAN CONTROL SERUM		-	-	SERUM	0.5ml		HCS001	D
INHIBIN B-HUMAN CONTROL SERUM		-	-	SERUM	0.5ml	-	HCS002	D
MOUSE IgG2b NEGATIVE CONTROL:BIOTIN	MOUSE	TEN/O	IgG2b	BIOTIN	1.0ml	F,C,P	MCA691B	K
MOUSE SERUM - AZIDE FREE				AZIDE FREE	5.0ml		C11SAZ	C
MOUSE SERUM - AZIDE FREE				AZIDE FREE	50ml		C11SCZ	O
MOUSE SERUM - AZIDE FREE				AZIDE FREE	10ml		C11SBZ	E
MOUSE SERUM - AZIDE FREE				AZIDE FREE	10ml		C11SDZ	T
PAP DETECTION KIT (MOUSE)				KIT	500 TESTS	C,P	STAR1006	V
PAP DETECTION SYSTEM (MOUSE)				KIT	150 TESTS	C,P	STAR1004	R
PAP DETECTION SYSTEM (MOUSE/AEC)				KIT	50 TESTS	C,P	STAR1001	L
PAP DETECTION SYSTEM (MOUSE/DAB)				KIT	50 TESTS	C,P	STAR1000	L
PAP DETECTION SYSTEM (RABBIT)				KIT	500 TESTS	C,P	STAR1007	V
PAP DETECTION SYSTEM (RABBIT/AEC)				KIT	150 TESTS	C,P	STAR1005	R
PAP DETECTION SYSTEM (RABBIT/DAB)				KIT	50 TESTS	C,P	STAR1003	L
PAP DETECTION SYSTEM (RABBIT/AEC)				KIT	50 TESTS	C,P	STAR1002	L
PEROXIDE BLOCKING REAGENT					15ml		BUF017A	A
PEROXIDE BLOCKING REAGENT					50ml		BUF017B	B
PHOSPHATE BUFFERED SOLUTION					1 PACK		BUF018	A
PIG SERUM - AZIDE FREE				AZIDE FREE	10ml		C15SBZ	C
PIG SERUM - AZIDE FREE				AZIDE FREE	500ml		C15SCZ	J
PRIMARY ANTIBODY DILUENT					50ml		BUF014	B
RABBIT SERUM - AZIDE FREE				AZIDE FREE	100ml		C12SBZ	D
RABBIT SERUM - AZIDE FREE				AZIDE FREE	20ml		C12SAZ	B
RAT SERUM - AZIDE FREE				AZIDE FREE	100ml		C13SDZ	R
RAT SERUM - AZIDE FREE				AZIDE FREE	50ml		C13SCZ	K
RAT SERUM - AZIDE FREE				AZIDE FREE	10ml		C13SBZ	D
RECOMBINANT PORCINE IFN GAMMA				REC. PROTEIN	0.1mg		PPP001	Y
RECOMBINANT PORCINE INTERLEUKIN 1 BETA				REC. PROTEIN	0.005mg		PPP002	X
SHEEP SERUM - AZIDE FREE				AZIDE FREE	10ml		C14SAZ	B
SHEEP SERUM - AZIDE FREE				AZIDE FREE	10ml		C14SBZ	C

New Product Update Table

Description	Host	Clone	Isotype	Format	Quantity / Volume	Applications	Catalogue No	Price Code
STREPTAVIDIN-HRP KIT (RABBIT/AEC)				KIT	50 TESTS	C,P	STAR2003	M
STREPTAVIDIN ALK PHOS KIT (RABBIT/MOUSE)				KIT	150 TESTS	C,P	STAR2013	S
STREPTAVIDIN ALK PHOS KIT (RABBIT/MOUSE)				KIT	500 TESTS	C,P	STAR2014	X
STREPTAVIDIN DETECTION SYSTEM (MOUSE/ DAB)				KIT	50 TESTS	C,P	STAR2000	M
STREPTAVIDIN DETECTION SYSTEM (MOUSE/AEC)				KIT	50 TESTS	C,P	STAR2001	M
STREPTAVIDIN DETECTION SYSTEM (RABBIT/DAB)				KIT	50 TESTS	C,P	STAR2002	M
STREPTAVIDIN HRP KIT (MOUSE)				KIT	150 TESTS	C,P	STAR2006	S
STREPTAVIDIN HRP KIT (MOUSE)				KIT	500 TESTS	C,P	STAR2009	X
STREPTAVIDIN HRP KIT (MOUSE+RAB/AEC)				KIT	50 TESTS	C,P	STAR2005	M
STREPTAVIDIN HRP KIT (MSE+RAB/DAB)				KIT	50 TESTS	C,P	STAR2004	M
STREPTAVIDIN HRP KIT (RABBIT)				KIT	150 TESTS	C,P	STAR2007	S
STREPTAVIDIN HRP KIT (RABBIT)				KIT	500 TESTS	C,P	STAR2010	X
STREPTAVIDIN HRP KIT (RABBIT/MOUSE)				KIT	150 TESTS	C,P	STAR2008	S
STREPTAVIDIN HRP KIT (RABBIT/MOUSE)				KIT	500 TESTS	C,P	STAR2011	X
STUF MARK 2 (BASIC)					500ml		BUF026A	C
STUF MARK 2 (BASIC) x 10					500ml		BUF026B	R
STUF MARK 2 (BASIC) x 100					50ml		BUF026C	R
STUF MARK 2 (UNIVERSAL)					500ml		BUF025A	C
STUF MARK 2 (UNIVERSAL) x 10					500ml		BUF025B	R
STUF MARK 2 (UNIVERSAL) x 100					50ml		BUF025C	R

Applications Key

C - Cryostat Sections

E - ELISA

* - Requires Special Conditions, see datasheet

F - Flow Cytometry

FN - Functional Assays, see datasheet

ID - Immunodiffusion

WB - Western Blotting

Abbreviations

Azide Free - Preservative Free

FITC - Fluorescein Isothiocyanate Conjugate

HRP - Horseradish Peroxidase Conjugate

RPE - R. Phycoerythrin Conjugate

RPE, and conjugates thereof, is intended for research only and should not be incorporated into products for re-sale or diagnostic use (US Patent 4520110, European Patent 0076695 and Canadian Patent 1179942)

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