

SM1002P**Monoclonal Antibody to Multi Species IgM - Purified**

Quantity:	0.25 mg
Concentration:	1.0 mg/ml IgG
Host / Isotype:	Mouse / IgG1
Recommended Isotype Controls:	SM10P (for use in human samples), AM03095PU-N
Clone:	CM7
Format:	Purification: Affinity chromatography on Protein A from tissue culture supernatant Buffer System: PBS buffer pH 7.2 containing 0.05% sodium azide as preservative
Applications:	ELISA. Western blot. Flow Cytometry (use 10 µl of 1:10 - 1:50 diluted antibody to label 10e6 cells in 100 ul or 100 ul whole blood). Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	SM1002P recognises IgM and is an excellent broad species anti-IgM monoclonal antibody. It shows no cross-reactivity with other immunoglobulin classes or sub classes. This reagent may be used as a marker of mature B lymphocytes in flow cytometry. Species: Horse, Dog, Cat, Pig, Human, Marmoset monkey, Rhesus monkey. Other species not tested.
Storage:	Store the antibody at 2-8°C for one month or at -20°C for longer. Avoid repeated freezing and thawing. Shelf life: One year from despatch.
General Readings:	1. Reubel GH, George JW, Barlough JE, Higgins J, Grant CK, Pedersen NC. Interaction of acute feline herpesvirus-1 and chronic feline immunodeficiency virus infections in experimentally infected specific pathogen free cats. <i>Vet Immunol Immunopathol.</i> 1992 Dec;35(1-2):95-119. PubMed PMID: 1363011. 2. Lunn DP, Holmes MA, Antczak DF, Agerwal N, Baker J, Bendali-Ahcene S, et al. Report of the Second Equine Leucocyte Antigen Workshop, Squaw valley, California, July 1995. <i>Vet Immunol Immunopathol.</i> 1998 Mar 31;62(2):101-43. PubMed PMID: 9638857.