

SM806PS**Monoclonal Antibody to CD59 - Purified**

Alternate names:	20 kDa homologous restriction factor, HRF-20, HRF20, MAC-IP, MAC-inhibitory protein, MACIF, MEM43 antigen, MIC11, MIN1, MIN2, MIN3, MIRL, MSK21, Membrane attack complex inhibition factor, Membrane inhibitor of reactive lysis, Protectin
Quantity:	0.1 mg
Concentration:	0.5 mg/ml
Background:	CD59 acts to inhibit the membrane attack complex of complement.
Uniprot ID:	P27274
NCBI:	NP_037057
GeneID:	25407
Host / Isotype:	Mouse / IgG1
Recommended Isotype Controls:	SM20P (for use in rat samples), AM03095PU-N
Clone:	1B4
Immunogen:	Spleen cells from immunised BALB/c mice were fused with cells of the mouse P3.X63.Ag8.653 myeloma cell line.
Format:	State: Liquid purified IgG Purification: Affinity chromatography on Protein A Buffer System: PBS containing 0.09% Sodium Azide
Applications:	Immunoprecipitation. Flow Cytometry: 10µg/ml; Use 10µl of the suggested working dilution to label 10e6 cells in 100µl. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This antibody recognises the CD59 cell surface antigen, a 21kD glycoprotein expressed by erythrocytes. Clone 1B4 recognises the same, or a closely related epitope to antibody 6D1. Species: Rat. Other species not tested.
General Readings:	1. Hughes TR, Piddlesden SJ, Williams JD, Harrison RA, Morgan BP. Isolation and characterization of a membrane protein from rat erythrocytes which inhibits lysis by the membrane attack complex of rat complement. Biochem J. 1992 May 15;284 (Pt 1):169-76. PubMed PMID: 1376109.