

AM08350PU-N**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:	50 µg
Concentration:	0.5 mg/ml
Background:	CD59, an LY6 like protein expressed in human lymphoid cells, regulates the action of the complement membrane attack complex on homologous cells. It is a potent inhibitor of the complement membrane attack complex action. It acts by binding to the C8 and/or C9 complements of the membrane attack complex, thereby preventing incorporation of the multiple copies of C9 required for complete formation of the osmolytic pore. This inhibitor appears to be species-specific. CD59 is also involved in signal transduction for T-cell activation complexed to a protein tyrosine kinase.
Uniprot ID:	P13987
NCBI:	NP_000602.1
GenelD:	966
Host / Isotype:	Mouse / IgG2a
Recommended Isotype Controls:	AM03096PU-N
Clone:	p282 (H19)
Format:	State: Liquid purified Ig fraction Purification: Affinity chromatography Buffer System: PBS, pH 7.2 containing 0.09% Sodium Azide as preservative
Applications:	Flow Cytometry: 2 µg/10E6 cells. Immunohistochemistry on Paraffin Sections: 10 µg/ml. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This antibody recognizes CD59 Glycoprotein.
Species Reactivity:	Tested: Human, Baboon, Monkey
Storage:	Store the antibody undiluted at 2-8°C. Shelf life: one year from despatch.

Pictures:

AM08350PU-N at 10 µg/ml staining CD59 by Immunohistochemistry (Formalin/PFA-Fixed Paraffin-Embedded Placenta Sections).

