

Mouse CD59 Monoclonal Antibody | anti-CD59 antibody

Mouse Monoclonal [clone p282(H19)] (IgG2a,k) to Human CD59

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA51794	Mouse	Baboon, Chimpanzee, Human, Monkey	Flow Cytometry, Functional Assay, Immunohistochemistry

PRODUCT SYNONYMS

CD59; Monoclonal Antibody; Mouse Monoclonal [clone p282(H19)] (IgG2a; k) to Human CD59; Anti-CD59 Antibody (clone p282(H19)) IHC-plus; 16.3A5; 1F5; 1F5 antigen; CD59 glycoprotein; EL32; EJ16; G344; HRF-20; MAC-IP; MACIF; Ly-6-like protein; MEM43; MIRL; MEM43 antigen; MIN2; MIN3; MSK21; p18-20; Protectin; MAC-inhibitory protein; MIC11; T cell-activating protein; CD59 antigen; Human CD59; anti-CD59 antibody

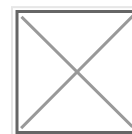
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Baboon, Chimpanzee, Human, Monkey
Clonality	Monoclonal
Isotype	IgG2a,k
Clone Number	p282(H19)
Purity/Purification	Affinity Purified
Form/Format	Phosphate-buffered solution, pH 7.2, 0.09% sodium azide. Sourced in TCS.
Concentration	0.5 mg/ml (varies by lot)
Sequence Length	128
Applicable Applications for anti-CD59 antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry)
Target Species	Human
Preparation and Storage	+4 degree C. Store undiluted.

IMAGES



FCM/FACS (Flow Cytometry)
Human peripheral blood lymphocytes stained with purified p282, followed by anti-mouse IgGs FITC



IHC (Immunohistochemistry)
Anti-CD59 antibody IHC of human placenta. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 10 ug/ml.

ADDITIONAL INFORMATION

Related Product Information for anti-CD59 antibody	CD59 is a cell surface glycoprotein that regulates complement-mediated cell lysis, and it is involved in lymphocyte signal transduction. CD59 is a potent inhibitor of the complement membrane attack complex, whereby it binds complement C8 and/or C9 during the assembly of this complex, thereby inhibiting the incorporation of multiple copies of C9 into the complex, which is necessary for osmolytic pore formation. CD59 also plays a role in signal transduction pathways in the activation of T cells.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	10835165
NCBI GeneID	966
NCBI Accession #	NP_000602.1
NCBI GenBank Nucleotide #	NM_000611.5
UniProt Accession #	P13987
Molecular Weight	14,177 Da
NCBI Official Full Name	CD59 glycoprotein preproprotein
NCBI Official Synonym Full Names	CD59 molecule, complement regulatory protein
NCBI Official Symbol	CD59
NCBI Official Synonym Symbols	1F5; EJ16; EJ30; EL32; G344; MIN1; MIN2; MIN3; MIRL; HRF20; MACIF; MEM43; MIC11; MSK21; 16.3A5; HRF-20; MAC-IP; p18-20
NCBI Protein Information	CD59 glycoprotein; protectin; 1F5 antigen; MEM43 antigen; Ly-6-like protein; T cell-activating protein; human leukocyte antigen MIC11; lymphocytic antigen CD59/MEM43; 20 kDa homologous restriction factor; membrane inhibitor of reactive lysis; membrane attack complex inhibition factor; membrane attack complex (MAC) inhibition factor; surface anitgen recognized by monoclonal antibody 16.3A5; CD59 antigen p18-20 (antigen identified by monoclonal antibodies 16.3A5, EJ16, EJ30, EL32 and G344)
UniProt Protein Name	CD59 glycoprotein
UniProt Gene Name	CD59
UniProt Synonym Gene Names	MIC11; MIN1; MIN2; MIN3; MSK21; HRF-20; HRF20; MAC-IP; MACIF; MIRL
UniProt Entry Name	CD59_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/cd59-antibody-clone-p282-h19-flow-cytometry-immunohistochemistry-elisa/51794>