

Mouse anti-Human CD59 Monoclonal Antibody | anti-CD59 antibody

Anti-CD59 Mouse mAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA14125	Mouse	Human	Western Blot, Immunohistochemistry, Immunocytochemistry, Flow Cytometry, Functional Assay

PRODUCT SYNONYMS

CD59; Monoclonal Antibody; Anti-CD59 Mouse mAb; 1F5; EJ16; EJ30; EL32; G344; MIN1; MIN2; MIN3; M1RL; HRF20; MACIF; MEM43; MIC11; MSK21; 16.3A5; HRF-20; MAC-IP; p18-20; anti-CD59 antibody

PRODUCT SPECIFICATIONS

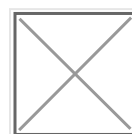
Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1
Clone Number	8D2B8
Form/Format	Purified antibody in PBS with 0.05% sodium azide and 0.5% protein stabilizer
Sequence Length	128
Applicable Applications for anti-CD59 antibody	WB (Western Blot), IHC (Immunohistochemistry), ICC (Immunocytochemistry), FCM/FACS (Flow Cytometry)
Immunogen	Purified recombinant fragment of human CD59 (AA: 31-111) expressed in E Coli.

IMAGES



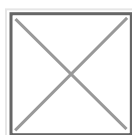
IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded esophageal cancer tissues using CD59 mouse mAb with DAB staining.



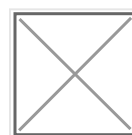
IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded bladder cancer tissues using CD59 mouse mAb with DAB staining.



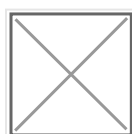
FCM (Flow Cytometry)

Flow cytometric analysis of HeLa cells using CD59 mouse mAb (green) and negative control (red).



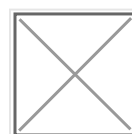
IF (Immunofluorescence)

Immunofluorescence analysis of HeLa cells using CD59 mouse mAb (green). Blue



IF (Immunofluorescence)

Immunofluorescence analysis of MCF-7 cells using CD59 mouse mAb (green). Blue



WB (Western Blot)

Western blot analysis using CD59 mAb against HEK293 (1) and CD59 (AA

ADDITIONAL INFORMATION

Related Product Information for anti-CD59 antibody	Entrez Summary: This gene encodes a cell surface glycoprotein that regulates complement-mediated cell lysis, and it is involved in lymphocyte signal transduction. This protein 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. This protein also plays a role in signal transduction pathways in the activation of T cells. Mutations in this gene cause CD59 deficiency, a disease resulting in hemolytic anemia and thrombosis, and which causes cerebral infarction. Multiple alternatively spliced transcript variants, which encode the same protein, have been identified for this gene.
--	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	42761474
NCBI GeneID	966
NCBI Accession #	NP_976074.1
NCBI GenBank Nucleotide #	NM_203329.2
UniProt Accession #	P13987
Molecular Weight	14.2
NCBI Official Full Name	CD59 glycoprotein preproprotein
NCBI Official Synonym Full Names	CD59 molecule
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
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

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.