Mouse C1S Monoclonal Antibody | anti-C1S antibody

C1S antibody

CATALOG #	HOST	APPLICATIONS
AAA74841	**Mouse**	**Western Blot, Flow Cytometry, Functional Assay**

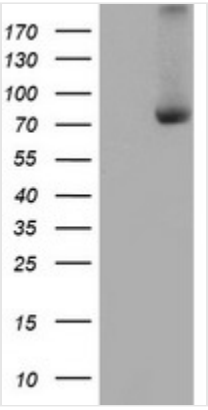
PRODUCT SYNONYMS

C1S; Monoclonal Antibody; C1S antibody; Monoclonal C1S; Anti-C1S; Complement C1s; CS 1; CS-1; anti-C1S antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	4D9
Purity/Purification	C1S antibody was purified by affinity chromatography.
Form/Format	Supplied in PBS buffer, pH 7.3, containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration	0.56 mg/ml (varies by lot)
Sequence Length	688
Applicable Applications for anti-C1S antibody	WB (Western Blot), FCM/FACS (Flow Cytometry)
Biological Significance	Activated C1s (a serine protease) cleaves two serum proteins C4 and C2. C4 is cleaved into a large fragment C4b, and a smaller, in active fragment C4a. C4b binds covalently to sugar residues on cell-surface glycoproteins, while C4a diffuses away following cleavage. C2 is cleaved into C2b and C2a. C2b binds noncovalently to a site on C4b, while C2a diffuses away.
Cross-Reactivity	Human, Dog, Rat, Monkey, Mouse
Immunogen	Full length recombinant protein of human C1S produced in HEK293T cell.
Preparation and Storage	Store at 4 degree C for short term storage. Store at -20 degree C for long term storage.

IMAGES



WB (Western Blot)
Western Blot analysis using C1S antibodyWestern Blot analysis of HEK293T cell lysates (5 ug) transfected with either recombinant C1S protein (Right) or empty vector (Left) detected with C1S antibody

ADDITIONAL INFORMATION

Related Product Information for anti-C1S antibody	Mouse monoclonal C1S antibody
Product Categories/Family for anti-C1S antibody	Immunology

NCBI AND UNIPROT INFORMATION

NCBI GI #	4502495
NCBI GeneID	716
NCBI Accession #	NP_001725
NCBI GenBank Nucleotide #	NM_001734.3
UniProt Accession #	P09871; Q9UCU7; Q9UCU8; Q9UCU9; Q9UCV0; Q9UCV1; Q9UCV2; Q9UCV3; Q9UCV4; Q9UCV5; Q9UM14; D3DUT4
NCBI Official Full Name	complement C1s subcomponent
NCBI Official Synonym Full Names	complement component 1, s subcomponent
NCBI Official Symbol	C1S
NCBI Protein Information	complement C1s subcomponent
UniProt Protein Name	Complement C1s subcomponent
UniProt Gene Name	**C1S**
UniProt Entry Name	C1S_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://www.aaabiotech.com/monoclonal/c1s-antibody-clone-4d9-western-blot-flow-cytometry-elisa/74841