

Mouse C7 Monoclonal Antibody | anti-C7 antibody

MOUSE ANTI HUMAN C7

CATALOG # AAA49395	HOST Mouse	APPLICATIONS Western Blot, Functional Assay, ELISA
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PRODUCT SYNONYMS

C7; Monoclonal Antibody; MOUSE ANTI HUMAN C7; anti-C7 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	030-113.7.5.4
Form/Format	Purified Purified IgG - liquid
Concentration	IgG concentration 1.0 mg/ml (varies by lot)
Sequence Length	843
Applicable Applications for anti-C7 antibody	WB (Western Blot), FA (Functional Assay), ELISA
Perservative Stabilisers	0.1% Sodium Azide (NaN ₃)
Preparation	Purified IgG prepared by affinity chromatography on Protein A
Buffer Solution	Borate buffered saline
Target Species	Human
Immunogen	Purified human C7
Preparation and Storage	Store at 4 degree C or at -20 degree C if preferred. Storage in frost-free freezers is not recommended. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use. Shelf Life: 18 months from date of despatch.

ADDITIONAL INFORMATION

Related Product Information for anti-C7 antibody	Mouse anti Human C7 antibody, clone 030-113.7.5.4 recognises complement component 7 (C7), a 110 kDa glycoprotein present in the blood serum. The factor I domain of C7 binds the C terminus of the C5 alpha-chain, acting as a membrane anchor. This enables the assembly of the complement membrane attack complex (MAC) and consequent complement lytic activity. C7 deficiency is associated with increased susceptibility to recurrent infections, in particular by Neisseria meningitides. Mouse anti Human C7 antibody, clone 030-113.7.5.4 does not recognise membrane bound complement membrane attack complex. Mouse anti Human C7 antibody, clone 030-113.7.5.4 inhibits lysis of sensitised sheep erythrocytes. Removal of Sodium Azide is recommended prior to use in functional assays. AAA Biotech recommend the use of EQU003 for this purpose.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	45580688
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NCBI GeneID	730
NCBI Accession #	NP_000578.2
NCBI GenBank Nucleotide #	NM_000587.2
UniProt Accession #	P10643; Q6P3T5; Q92489
Molecular Weight	93,518 Da
NCBI Official Full Name	complement component C7
NCBI Official Synonym Full Names	complement component 7
NCBI Official Symbol	C7
NCBI Protein Information	complement component C7
UniProt Protein Name	Complement component C7
UniProt Gene Name	C7
UniProt Entry Name	CO7_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/c7-antibody-clone-030-113-7-5-4-western-blot-functional-assay-elisa/49395>