

Rabbit anti-Human CD46 Polyclonal Antibody | anti-CD46 antibody

CD46 Polyclonal Antibody

CATALOG # AAA281087	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunofluorescence, Western Blot
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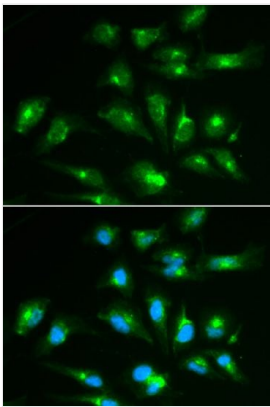
PRODUCT SYNONYMS

CD46; Polyclonal Antibody; CD46 Polyclonal Antibody; AHUS2; MCP; MIC10; TLX; TRA2.10; anti-CD46 antibody

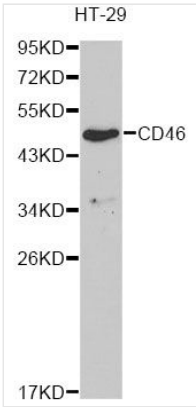
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Sequence	TFEAMELIGK PKPYYEIGER VDYKCKKGYF YIPPLATHTI CDRNHTWLPV SDDACYRETC PYIRDPLNGQ AVPANGTYEF GYQMHFICNE GYYLIGEEIL YCELKGSVAI WSGKPPICEK VLCTPPPKIK NGKHTFSEVE VFEYLDVITY SCDPAPGPD P FSLIGESTIY CGDNSVWSRA APECKVVKCR FPVVENGKQI SGFGKKFYK ATVMFECDKG FYLDGSDTIV CDSNSTWDPP VPKCLKVSTS STTKS
Sequence Length	392
Applicable Applications for anti-CD46 antibody	IF (Immunofluorescence), WB (Western Blot)
Immunogen	Recombinant protein of human CD46
Immunogen Species	Human
Storage Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Cellular Location	Cytoplasmic vesicle, Single-pass type I membrane protein, acrosome inner membrane, secretory vesicle
Preparation and Storage	Store at -20 degree C. Avoid freeze / thaw cycles.

IMAGES



IF (Immunofluorescence)
Immunofluorescence analysis of HepG2 cells using CD46 antibody. Blue: DAPI for nuclear staining.



WB (Western Blot)
Western blot analysis of extracts of HT-29 cells, using CD46 antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST.

ADDITIONAL INFORMATION

Related Product Information for anti-CD46 antibody	The protein encoded by this gene is a type I membrane protein and is a regulatory part of the complement system. The encoded protein has cofactor activity for inactivation of complement components C3b and C4b by serum factor I, which protects the host cell from damage by complement. In addition, the encoded protein can act as a receptor for the Edmonston strain of measles virus, human herpesvirus-6, and type IV pili of pathogenic Neisseria. Finally, the protein encoded by this gene may be involved in the fusion of the spermatozoa with the oocyte during fertilization. Mutations at this locus have been associated with susceptibility to hemolytic uremic syndrome. Alternatively spliced transcript variants encoding different isoforms have been described.
Product Categories/Family for anti-CD46 antibody	Polyclonal Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	27502402
NCBI GeneID	4179
NCBI Accession #	NP_002380.3
NCBI GenBank Nucleotide #	NM_002389.4
UniProt Accession #	P15529; Q15429; Q53GV9; Q5HY94; Q5VWS6; Q5VWS7; Q5VWS8; Q5VWS9; Q5VWT0; A0T1T0; A0T1T1; A0T1T2
Molecular Weight	Calculated: 36kDa; 39kDa; 40kDa; 41kDa; 42kDa; 43kDa; 44kDa Observed: 44kDa
NCBI Official Full Name	membrane cofactor protein isoform 1
NCBI Official Synonym Full Names	CD46 molecule
NCBI Official Symbol	CD46
NCBI Official Synonym Symbols	MCP; TLX; AHUS2; MIC10; TRA2.10
NCBI Protein Information	membrane cofactor protein
UniProt Protein Name	Membrane cofactor protein
UniProt Gene Name	CD46
UniProt Synonym Gene Names	MCP; MIC10

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/polyclonal/cd46-antibody-immunofluorescence-western-blot-elisa/281087>