

Rabbit CD46 Polyclonal Antibody | anti-CD46 antibody

CD46 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA326297	Rabbit	Human, Mouse, Rat	Immunohistochemistry, Western Blot

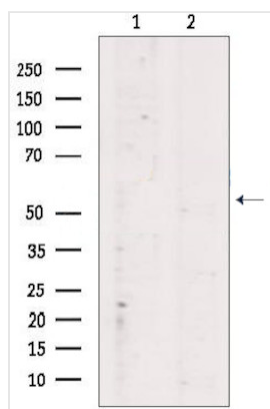
PRODUCT SYNONYMS

CD46; Polyclonal Antibody; CD46 Antibody; AHUS2; Antigen defined by monoclonal antibody TRA 2 10; Antigen identified by monoclonal antibody TRA 2 10; CD46 antigen; CD46 antigen complement regulatory protein; CD46 molecule; CD46 molecule complement regulatory protein; Complement membrane cofactor protein; MCP; MCP_HUMAN; Measles virus receptor; membrane cofactor protein (CD46; trophoblast-lymphocyte cross-reactive antigen); Membrane cofactor protein; MGC26544; MIC10; TLX; TRA2.10; Trophoblast leucocyte common antigen; Trophoblast leukocyte common antigen; Trophoblast lymphocyte cross reactive antigen; anti-CD46 antibody

PRODUCT SPECIFICATIONS

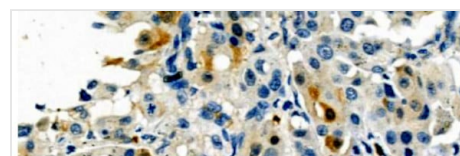
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin (Thermo Fisher Scientific).
Form/Format	Supplied in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	~1mg/ml (varies by lot)
Sequence Length	392
Applicable Applications for anti-CD46 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human CD46, corresponding to a region within N-terminal amino acids.
Preparation and Storage	Store at -20°C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)

Western blot analysis of extracts from HeLa cells, using CD46 Ab. The lane on the left was treated with blocking peptide. Observed bands: 55 kDa.



IHC (Immunohistochemistry)

AAA326297 at 1/100 staining Human lung cancer by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary Ab at 4°C overnight. An HRP conjugated anti-Rabbit Ab was used as the secondary Ab.

ADDITIONAL INFORMATION

Related Product Information for anti-CD46 antibody	Description: CD46 is a type I membrane protein and a regulatory part of the complement system. This 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, CD46 can act as a receptor for the Edmonston strain of measles virus, human herpesvirus-6, and type IV pili of pathogenic Neisseria. Finally, this protein may be involved in the fusion of the spermatozoa with the oocyte during fertilization. CD46 is found in a cluster on chromosome 1q32 with other proteins that are structural components of the complement system.
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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	43 kDa, 55 kDa
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.