

CD46 rabbit monoclonal antibody

Catalog # H00004179-K

Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human CD46 peptide using ARM Technology.
Immunogen	A synthetic peptide of human CD46 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human CD46 peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) ₂ , IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — CD46

Entrez GeneID	4179
GeneBank Accession#	CD46
Gene Name	CD46
Gene Alias	MCP, MGC26544, MIC10, TLX, TRA2.10
Gene Description	CD46 molecule, complement regulatory protein
Omim ID	120920 235400
Gene Ontology	Hyperlink
Gene Summary	<p>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. This gene is found in a cluster on chromosome 1q32 with other genes encoding structural components of the complement system. At least fourteen different transcript variants encoding fourteen different isoforms have been found for this gene. [provided by RefSeq]</p>
Other Designations	CD46 antigen, complement regulatory protein OTTHUMP00000034577 OTTHUMP00000034622 OTTHUMP00000034623 OTTHUMP00000034624 OTTHUMP00000034625 OTTHUMP00000034626 OTTHUMP00000034706 antigen identified by monoclonal antibody TRA-2-10 complement membrane cofactor

Pathway

- [Complement and coagulation cascades](#)

Disease

- [Abortion](#)
- [Birth Weight](#)
- [Genetic Predisposition to Disease](#)

- [Glioblastoma](#)
- [Glioma](#)
- [Hemolytic-Uremic Syndrome](#)
- [Leukemia](#)
- [Lymphoma](#)
- [Macular Degeneration](#)
- [Meningeal Neoplasms](#)
- [Meningioma](#)
- [Recurrence](#)