

CD151 rabbit monoclonal antibody

Catalog # H00000977-K

Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human CD151 peptide using ARM Technology.
Immunogen	A synthetic peptide of human CD151 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 CD151 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 — CD151

Entrez GeneID	977
GeneBank Accession#	CD151
Gene Name	CD151
Gene Alias	GP27, MER2, PETA-3, RAPH, SFA1, TSPAN24
Gene Description	CD151 molecule (Raph blood group)
Omim ID	179620 602243 609057
Gene Ontology	Hyperlink
Gene Summary	<p>The protein encoded by this gene is a member of the transmembrane 4 superfamily, also known as the tetraspanin family. Most of these members are cell-surface proteins that are characterized by the presence of four hydrophobic domains. The proteins mediate signal transduction events that play a role in the regulation of cell development, activation, growth and motility. This encoded protein is a cell surface glycoprotein that is known to complex with integrins and other transmembrane 4 superfamily proteins. It is involved in cellular processes including cell adhesion and may regulate integrin trafficking and/or function. This protein enhances cell motility, invasion and metastasis of cancer cells. Multiple alternatively spliced transcript variants that encode the same protein have been described for this gene. [provided by RefSeq]</p>
Other Designations	CD151 antigen CD151 antigen (Raph blood group) OTTHUMP00000164434 hemidesmosomal tetraspanin CD151 membrane glycoprotein SFA-1 platelet surface glycoprotein gp27 platelet-endothelial cell tetraspan antigen 3