CD109 rabbit monoclonal antibody

Catalog #　　H00135228-K　　　　　Size　　100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human CD109 peptide using ARM Technology.
Immunogen	A synthetic peptide of human CD109 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 CD109 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 — CD109

Entrez GeneID	135228
GeneBank Accession#	CD109
Gene Name	CD109
Gene Alias	CPAMD7, DKFZp762L1111, FLJ38569, FLJ41966, RP11-525G3.1
Gene Description	CD109 molecule
Omim ID	608859
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a member of the alpha2-macroglobulin/complement superfamily. The encoded GPI-linked glycoprotein is found on the cell surface of platelets, activated T-cells, and endothelial cells. The protein binds to and negatively regulates signaling of transforming growth factor beta (TGF-beta). Multiple transcript variants encoding different isoforms have been found for this gene
Other Designations	Gov platelet alloantigens|OTTHUMP00000016748

Disease

- Arthritis

- Genetic Predisposition to Disease

- Thrombocytopenia

- Tobacco Use Disorder