

Mouse anti-Human CD109 Monoclonal Antibody | anti-CD109 antibody

Mouse Monoclonal Antibody to CD109

CATALOG # AAA268486	HOST Mouse	REACTIVITY Human
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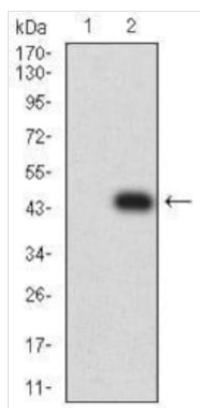
PRODUCT SYNONYMS

CD109; Monoclonal Antibody; Mouse Monoclonal Antibody to CD109; p180; r150; CPAMD7; anti-CD109 antibody

PRODUCT SPECIFICATIONS

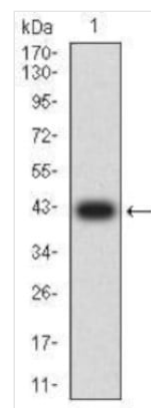
Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1
Clone Number	5E11A12
Form/Format	Purified antibody in PBS with 0.05% sodium azide
Sequence Length	1445
Immunogen	Purified recombinant fragment of human CD109 (AA: extra 1274-1421) expressed in E.Coli

IMAGES



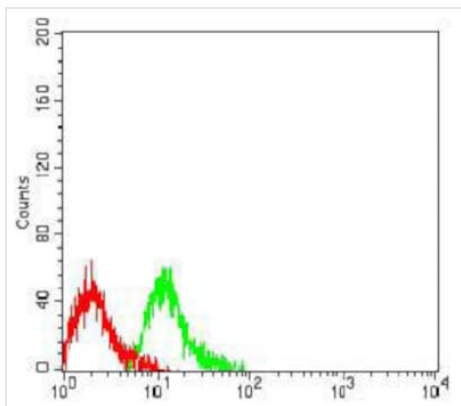
WB (Western Blot)

Western blot analysis using CD109 mAb against HEK293 (1) and CD109 (AA: extra 1274-1421)-hlgGfC transfected HEK293 (2) cell lysate.



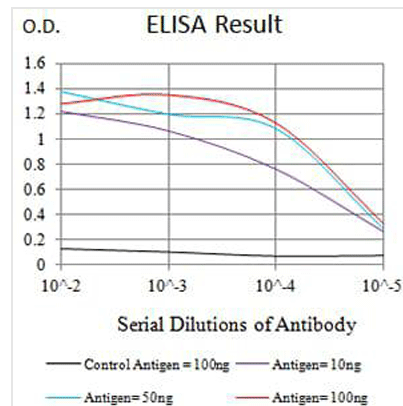
WB (Western Blot)

Western blot analysis using CD109 mAb against human CD109 (AA: extra 1274-1421) recombinant protein. (Expected MW is 42.3 kDa)



FCM/FACS (Flow Cytometry)

Flow cytometric analysis of Jurkat cells using CD109 mouse mAb (green) and negative control (red).



ELISA

Black line: Control Antigen (100 ng); Purple line: Antigen (10ng); Blue line: Antigen (50ng); Red line: Antigen (100 ng)

ADDITIONAL INFORMATION

Related Product Information for anti-CD109 antibody

Description: This gene encodes a glycosyl phosphatidylinositol (GPI)-linked glycoprotein that localizes to the surface of platelets, activated T-cells, and endothelial cells. The protein binds to and negatively regulates signalling by transforming growth factor beta (TGF-beta). Multiple transcript variants encoding different isoforms have been found for this gene.

NCBI AND UNIPROT INFORMATION

NCBI GI #	115529484
NCBI GeneID	135228
NCBI GenBank Nucleotide #	NP_598000.2
UniProt Accession #	Q6YHK3
Molecular Weight	161.7kDa
NCBI Official Full Name	CD109 antigen isoform 1 preproprotein
NCBI Official Synonym Full Names	CD109 molecule
NCBI Official Symbol	CD109
NCBI Official Synonym Symbols	p180; r150; CPAMD7
NCBI Protein Information	CD109 antigen
UniProt Protein Name	CD109 antigen
UniProt Gene Name	CD109
UniProt Synonym Gene Names	CPAMD7
UniProt Entry Name	CD109_HUMAN

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://stage.aaabiotech.com/monoclonal/cd109-antibody-clone-5e11a12-elisa/268486>