

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

Anti-Hu CD109 PE

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA129055	Mouse	Human	Flow Cytometry, Functional Assay

PRODUCT SYNONYMS

CD109; Monoclonal Antibody; Anti-Hu CD109 PE; CD109 molecule; CPAMD7; p180; r150; FLJ38569; anti-CD109 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1
Clone Number	W7C5
Specificity	The mouse monoclonal antibody W7C5 recognizes CD109, an approximately 165 kDa GPI-anchored extracellular protein expressed mainly on various hematopoietic cells, activated T lymphoblasts, activated platelets, and endothelial cells.
Purity/Purification	The purified antibody is conjugated with R-phycoerythrin (PE) under optimum conditions. The conjugate is purified by size-exclusion chromatography.
Form/Format	Stabilizing phosphate buffered saline (PBS) solution containing 15 mM sodium azide
Sequence Length	1368
Applicable Applications for anti-CD109 antibody	FCM/FACS (Flow Cytometry)
Immunogen	WERI-RB-1 retinoblastoma cell line
Conjugation	PE
Preparation and Storage	Store in the dark at 2-8 degree C. Do not freeze. Avoid prolonged exposure to light.

ADDITIONAL INFORMATION

Related Product Information for anti-CD109 antibody	CD109, also known as the Gov platelet alloantigen, is a GPI-anchored glycoprotein which localizes to the surface of platelets, activated T-cells, and endothelial cells, as well as of various hematopoietic cells and T cell lines. The protein binds to and negatively regulates signaling by transforming growth factor beta (TGF-beta). Multiple transcript variants encoding different isoforms have been found for this gene. The Gov antigen system is involved in platelet transfusion reaction, posttransfusion purpura and in neonatal alloimmune thrombocytopenia.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	227430303
NCBI GeneID	135228
NCBI Accession #	NP_001153060.1
NCBI GenBank Nucleotide #	NP_001153060.1

UniProt Accession #	Q6YHK3
NCBI Official Full Name	CD109 antigen isoform 3 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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/monoclonal/cd109-antibody-clone-w7c5-flow-cytometry-elisa/129055>