

CD109 Antibody FITC Conjugated

Catalog No: #C06189F

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Description

Product Name	CD109 Antibody FITC Conjugated
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Purified by Protein A.
Applications	Flow-Cyt IF
Species Reactivity	Hu Ms Rt
Immunogen Description	KLH conjugated synthetic peptide aa 920-970 1145 derived from human CD109
Conjugates	FITC
Target Name	CD109
Other Names	p180; r150; CPAMD7; CD109 antigen; 150 kDa TGF-beta-1-binding protein; C3 and PZP-like alpha-2-macroglobulin domain-containing protein 7; Platelet-specific Gov antigen; CD109
Accession No.	Swiss-Prot#Q6YHK3NCBI Gene ID135228
Uniprot	Q6YHK3
GeneID	135228;
Excitation Emission	494nm 518nm
Cell Localization	Cell membrane
Concentration	1mg/ml
Formulation	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Application Details

Flow-Cyt=1:50-200 IF=1:50-200

Background

CD109 is a novel member of the alpha2-macroglobulin (alpha2M) complement superfamily. It is a glycosylphosphatidylinositol (GPI)-linked cell surface glycoprotein of approximately 170 kd found on endothelial cells, activated platelets and T-cells and on a subset of hematopoietic stem and progenitor cells. Although it has been suggested that T-cell CD109 may play a role in antibody-inducing T-helper function and it is known that platelet CD109 carries the Gov alloantigen system, the role of CD109 in hematopoietic cells remains largely unknown. CD109 has been identified as part of the TGF-beta receptor system in human keratinocytes and upregulation of CD109 expression has been observed in several different types of tumour.

Note: This product is for in vitro research use only