

À des fins de recherche uniquement

Anticorps Monoclonal anti-CD109

Numéro de catalogue: 60179-1-Ig **3 Publications**



Informations de base

Numéro de catalogue: 60179-1-Ig	Numéro d'acquisition GenBank: BC152996	Méthode de purification: Précipitation de l'acide caprylique/du sulfate d'ammonium
Taille: 150ul , Concentration: 1300 µg/ml by Nanodrop and 1000 µg/ml by Bradford method using BSA as the standard;	Identification du gène (NCBI): 135228	CloneNo.: 2H8G7
Hôte: Mouse	Nom complet: CD109 molecule	Dilutions recommandées: WB 1:1000-1:8000
Isotype: IgG1	MW calculé: 162 kDa	
	MW observés: 162 kDa	

Applications

Applications testées: FC, WB, ELISA	Contrôles positifs: WB : cellules Jurkat,
Demandes citées: IHC, WB	
Spécificité de l'espèce: Humain	
Espèces citées: Humain	

Informations générales

CD109, also named as CPAMD7, is a member of the alpha2-macroglobulin/complement superfamily. It is a glycosylphosphatidylinositol (GPI)-linked cell surface glycoprotein of approximately 170kd which is found on the cell surface of platelets, activated T-cells, and endothelial cells. CD109 binds to and negatively regulates signaling of transforming growth factor beta (TGF-beta). CD109 has been identified as part of the TGF-beta receptor system in human keratinocytes. Up regulation of CD109 expression has been observed in several different types of tumor. CD109 is a glycosyl-phosphatidylinositol-anchored glycoprotein that is a member of the alpha2-macroglobulin/C3, C4, C5 family of thioester-containing proteins. There're 2 forms of 150 (p150) and 120 kDa (p120) exist due to proteolytic degradation from a 180 kDa form. The antibody can recognize all these 4 isoforms.

Publications notables

Autrice	Pubmed ID	Journal	Application
Tobias Fretwurst	31877027	Clin Oral Implants Res	WB
Junyu Fan	31403228	Drug Dev Res	
Yunyan Liu	37378424	Mol Carcinog	IHC

Stockage

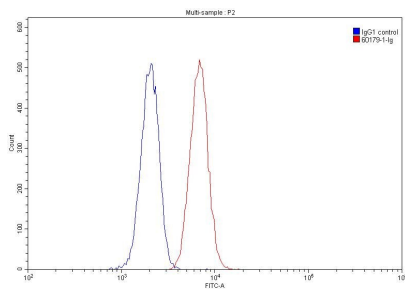
Stockage:
Stocker à -20°C. Stable pendant un an après l'expédition.
Tampon de stockage:
PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3
L'aliquotage n'est pas nécessaire pour le stockage à -20C

*** Les 20ul contiennent 0,1% de BSA.

For technical support and original validation data for this product please contact:
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Données de validation sélectionnées



1X10⁶ Jurkat cells were stained with 0.20ug CD109 antibody (60179-1-Ig, red) and control antibody (blue). Fixed with 90% MeOH.



Jurkat cells were subjected to SDS PAGE followed by western blot with 60179-1-Ig (CD109 Antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.