

Nur für Forschungszwecke

CD109 Monoklonaler Antikörper

Katalog-Nr.: 60179-1-Ig **2 Publikationen**



Allgemeine Informationen

Katalog-Nr.: 60179-1-Ig	GenBank-Zugangsnummer: BC152996	Reinigungsmethode: Caprylsäure/Ammoniumsulfat-Präzipitation
Größe: 150ul, Konzentration: 1300 µg/ml von 135228 Nanodrop und 1000 µg/ml durch die Bradford-Methode mit BSA als Standard;	GeneID (NCBI): 135228	CloneNo.: 2H8G7
Wirt: Maus	Vollständiger Name: CD109 molecule	Empfohlene Verdünnungen: WB 1:1000-1:8000
Isotyp: IgG1	Berechnete Masse: 162 kDa	
	Beobachtete Masse: 162 kDa	

Anwendungen

Geprüfte Anwendungen: FC, WB, ELISA	Positivkontrollen: WB: Jurkat-Zellen,
In Publikationen genannte Anwendungen: WB	
Getestete Reaktivität: Human	
Zitierte Arten: Human	

Hintergrundinformationen

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.

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Tobias Fretwurst	31877027	Clin Oral Implants Res	WB
Junyu Fan	31403228	Drug Dev Res	

Lagerung

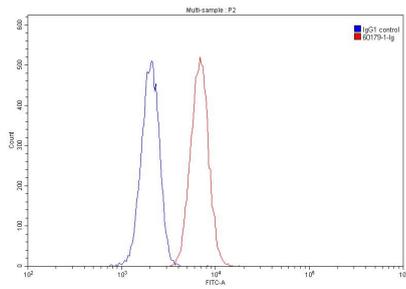
Lagerungsbedingungen:
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil
Lagerungspuffer:
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.
Aliquotieren ist nicht notwendig bei -20°C Lagerung

***** 20ul-Größen enthalten 0.1% BSA**

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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Ausgewählte Validierungsdaten



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.