

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-CD109



Numéro de catalogue: 18715-1-AP

1 Publications

Informations de base

Numéro de catalogue:
18715-1-AP

Taille:
150ul , Concentration: 273 µg/ml by
Bradford method using BSA as the
standard;

Hôte:
Lapin

Isotype:
IgG

Numéro d'acquisition GenBank:
BC152996

Identification du gène (NCBI):
135228

Nom complet:
CD109 molecule

MW calculé
162 kDa

Méthode de purification:
Purification par affinité contre
l'antigène

Dilutions recommandées:
WB 1:500-1:1000
IP 0.5-4.0 ug for IP and 1:500-1:1000
for WB

Applications

Applications testées:
IP, WB, ELISA

Demandes citées:
WB

Spécificité de l'espèce:
Humain

Espèces citées:
Humain

Contrôles positifs:

WB : cellules PC-3,

IP : cellules PC-3,

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
Fengyun Dong	29113239	Oncol Lett	WB

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.

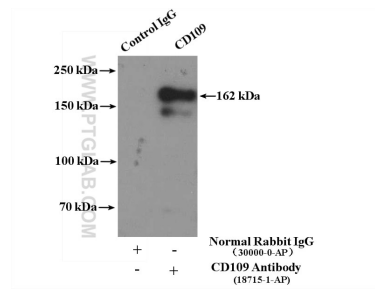
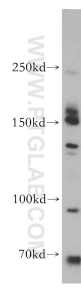
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T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free
in USA), or 1(312) 455-8498 (outside USA)

E: proteintech@ptglab.com
W: ptglab.com

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Données de validation sélectionnées



PC-3 cells were subjected to SDS PAGE followed by western blot with 18715-1-AP (CD109 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.

IP Result of anti-CD109 (IP:18715-1-AP, 4ug; Detection:18715-1-AP 1:600) with PC-3 cells lysate 5000ug.