

Nur für Forschungszwecke

# CD109 Polyklonaler Antikörper

Katalog-Nr.:18715-1-AP

1 Publikationen



## Allgemeine Informationen

Katalog-Nr.:  
18715-1-AP

Größe:  
150ul , Konzentration: 273 µg/ml  
durch die Bradford-Methode mit BSA  
als Standard;

Wirt:  
Kaninchen

Isotyp:  
IgG

GenBank-Zugangsnummer:  
BC152996

GeneID (NCBI):  
135228

Vollständiger Name:  
CD109 molecule

Berechnete Masse:  
162 kDa

Reinigungsmethode:

Antigen-Affinitätsreinigung

Empfohlene Verdünnungen:

WB 1:500-1:1000  
IP 0.5-4.0 µg für IP und 1:500-1:1000  
für WB

## Anwendungen

Geprüfte Anwendungen:  
IP, WB,ELISA

In Publikationen genannte Anwendungen:  
WB

Getestete Reaktivität:  
Human

Zitierte Arten:  
Human

Positivkontrollen:

WB : PC-3-Zellen,  
IP : PC-3-Zellen,

## 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
Fengyun Dong	29113239	Oncol Lett	WB

## 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

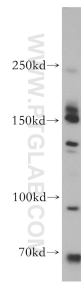
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T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free  
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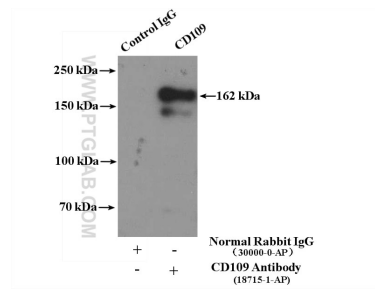
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W: ptglab.com

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## Ausgewählte Validierungsdaten



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.