

For Research Use Only

CD209 Polyclonal antibody

Catalog Number: 25404-1-AP

Featured Product

1 Publications



Basic Information

Catalog Number: 25404-1-AP	GenBank Accession Number: BC110615	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 400 µg/ml by Nanodrop and 233 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 30835	Recommended Dilutions: WB 1:500-1:2400
Source: Rabbit	Full Name: CD209 molecule	
Isotype: IgG	Calculated MW: 404 aa, 45.7 kDa	
Immunogen Catalog Number: AG21863	Observed MW: 45 kDa	

Applications

Tested Applications: FC, WB, ELISA	Positive Controls: WB : human placenta tissue,
Cited Applications: WB	
Species Specificity: human	
Cited Species: human	

Background Information

CD209 (DC-SIGN, CLEC4L) is a C-type lectin receptor that is involved in the innate immune system and recognizes numerous evolutionarily divergent pathogens, including bacteria, viruses, and parasites. CD209 is preferentially expressed on dendritic cells (DCs). It mediates transient adhesion of DCs with T cells. It has been reported that CD209 plays a role in capture and transmission of HIV from DC to T cells (PMID: 10721995).

Notable Publications

Author	Pubmed ID	Journal	Application
Qiao Lu	34048708	Immunity	WB

Storage

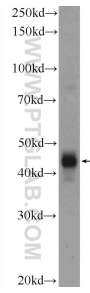
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

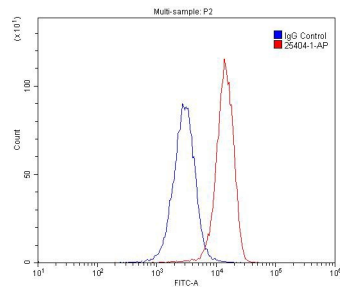
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



human placenta tissue were subjected to SDS PAGE followed by western blot with 25404-1-AP (CD209 Antibody) at dilution of 1:1200 incubated at room temperature for 1.5 hours.



1X10⁶ U-937 cells were stained with 0.2ug CD209 antibody (25404-1-AP, red) and control antibody (blue). Fixed with 4% PFA blocked with 3% BSA (30 min). Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) with dilution 1:1500.