

For Research Use Only

CD209 Polyclonal antibody

Catalog Number: 25404-1-AP

Featured Product

3 Publications



Basic Information

Catalog Number:

25404-1-AP

Size:

150ul, Concentration: 400 ug/ml by Nanodrop and 233 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG21863

GenBank Accession Number:

BC110615

GeneID (NCBI):

30835

UNIPROT ID:

Q9NNX6

Full Name:

CD209 molecule

Calculated MW:

404 aa, 45.7 kDa

Observed MW:

45 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2400

Applications

Tested Applications:

WB, ELISA

Cited Applications:

WB

Species Specificity:

human

Cited Species:

human

Positive Controls:

WB : human placenta tissue,

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
Songyun Zhao	39143438	J Neurooncol	WB
Lei Ye	38791547	Int J Mol Sci	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

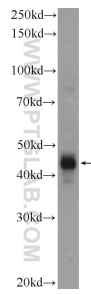
For technical support and original validation data for this product please contact:

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.