For Research Use Only

CD209 Polyclonal antibody

Catalog Number:25404-1-AP Featured Product 4 Publications

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Basic Information

Catalog Number:
25404-1-AP

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
IF-P: 1:50-1:500

Applications

Tested Applications:
WB, IF-P, ELISA

Cited Applications:
WB

Species Specificity:
human

Cited Species:
human

Positive Controls:

WB : human placenta tissue, HL-60 cells

IF-P : human tonsillitis 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
Yufan Wei	42297766	ACS Appl Mater Interfaces	
Songyun Zhao	39143438	J Neurooncol	WB

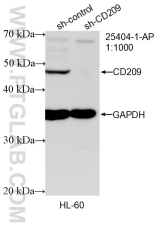
Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

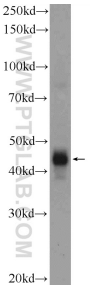
For technical support and original validation data for this product please contact:
T: 4006900926 E: Proteintech-CN@ptglab.com W: ptgcn.com

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

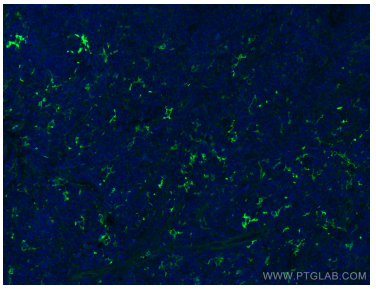
Selected Validation Data



WB result of CD209 antibody (25404-1-AP; 1:1200; incubated at room temperature for 1.5 hours) with sh-Control and sh-CD209 transfected HL-60 cells.



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.



Immunofluorescent analysis of (4% PFA) fixed paraffin-embedded human tonsillitis tissue using CD209 antibody (25404-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).