

For Research Use Only

CD209 Polyclonal antibody

Catalog Number: 31621-1-AP



Basic Information

Catalog Number:

31621-1-AP

Size:

400 ug/ml

Source:

Rabbit

Isotype:

IgG

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 1:5000-1:50000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

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).

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

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

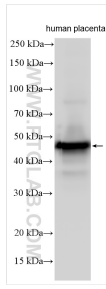
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Human placenta tissue was subjected to SDS PAGE followed by western blot with 31621-1-AP (CD209 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.