

For Research Use Only

Anti-Human CD209 Rabbit Recombinant Antibody, PBS Only

Catalog Number: 98156-1-PBS



Basic Information

Catalog Number:

98156-1-PBS

Concentration:

1mg, 2 mg/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

Purification Method:

Protein A purification

CloneNo.:

240907A4

Applications

Tested Applications:

FC

Species Specificity:

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).

Storage

Storage:

Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS Only

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

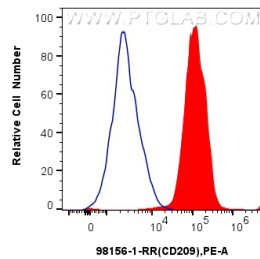
T: 4006900926

E: Proteintech-CN@ptglab.com

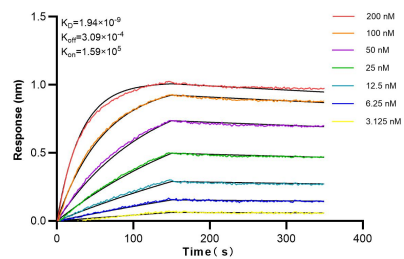
W: ptgcn.com

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Selected Validation Data



1×10^6 human monocyte-derived immature dendritic cells were surface stained with 0.25 μ g Anti-Human CD209 Rabbit Recombinant Antibody (98156-1-RR, Clone: 240907A4) (red) or 0.25 μ g Isotype Control (blue), and PE-Conjugated Goat Anti-Rabbit IgG(H+L). Cells were not fixed. This data was developed using the same antibody clone with 98156-1-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 98156-1-RR against Human CD209 were performed. The affinity constant is 1.94 nM.