

For Research Use Only

# Anti-Human CD209 Rabbit Recombinant Antibody

Catalog Number: 98156-1-RR



## Basic Information

Catalog Number:

98156-1-RR

Concentration:

100ug, 1000 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

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 2 - 8°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.09% sodium azide, pH 7.3.

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

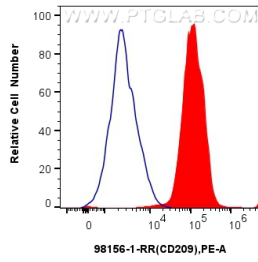
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

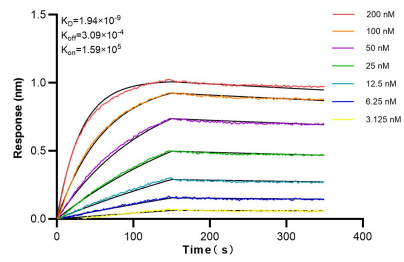
W: [ptgcn.com](http://ptgcn.com)

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## Selected Validation Data



$1 \times 10^6$  human monocyte-derived immature dendritic cells were surface stained with 0.25  $\mu$ g Anti-Human CD209 Rabbit Recombinant Antibody (98156-1-RR, Clone: 240907A4) (red) or 0.25  $\mu$ g Isotype Control (blue), and PE-Conjugated Goat Anti-Rabbit IgG(H+L). Cells were not fixed.



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