

For Research Use Only

# Anti-Human CD209 Rabbit Recombinant Antibody, PBS Only

Catalog Number: 98156-1-PBS



## Basic Information

<b>Catalog Number:</b> 98156-1-PBS	<b>GenBank Accession Number:</b> BC110615	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 1mg, 2 mg/ml	<b>GeneID (NCBI):</b> 30835	<b>CloneNo.:</b> 240907A4
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q9NNX6	
<b>Isotype:</b> IgG	<b>Full Name:</b> CD209 molecule	
	<b>Calculated MW:</b> 404 aa, 45.7 kDa	

## 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:

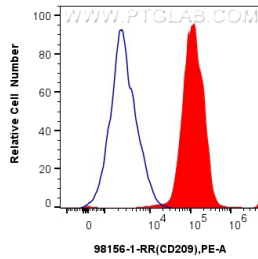
T: 4006900926

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

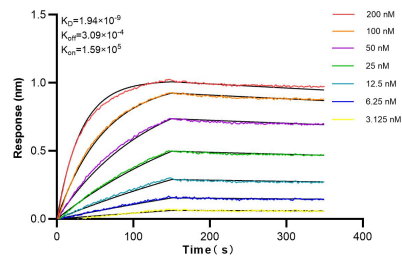
W: [ptgcn.com](http://ptgcn.com)

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

## Selected Validation Data



$1 \times 10^6$  human monocyte-derived immature dendritic cells were surface stained with 0.25  $\mu\text{g}$  Anti-Human CD209 Rabbit Recombinant Antibody (98156-1-RR, Clone: 240907A4) (red) or 0.25  $\mu\text{g}$  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.