

# Anti-CD209 Rabbit Monoclonal Antibody

Catalog # ABO15178

### Specification

# **Anti-CD209 Rabbit Monoclonal Antibody - Product Information**

Application	WB
Primary Accession	<u>Q9NNX6</u>
Host	Rabbit
Isotype	IgG
Reactivity	Human
Clonality	Monoclonal
Format	Liquid
Description	
Anti-CD209 Rabbit Monoclonal Antibody . Tested in WB application. This antibody reacts with	
Human.	

# Anti-CD209 Rabbit Monoclonal Antibody - Additional Information

Gene ID 30835

**Other Names** CD209 antigen, C-type lectin domain family 4 member L, Dendritic cell-specific ICAM-3-grabbing non-integrin 1, DC-SIGN, DC-SIGN1, CD209, CD209, CLEC4L

Application Details WB 1:500-1:2000

**Contents** Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.

Immunogen A synthesized peptide derived from human CD209

**Purification** Affinity-chromatography

Storage

Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.

## Anti-CD209 Rabbit Monoclonal Antibody - Protein Information

Name CD209

Synonyms CLEC4L



### Function

Pathogen-recognition receptor expressed on the surface of immature dendritic cells (DCs) and involved in initiation of primary immune response. Thought to mediate the endocytosis of pathogens which are subsequently degraded in lysosomal compartments. The receptor returns to the cell membrane surface and the pathogen-derived antigens are presented to resting T-cells via MHC class II proteins to initiate the adaptive immune response.

#### **Cellular Location**

[Isoform 1]: Cell membrane; Single- pass type II membrane protein [Isoform 3]: Cell membrane; Single- pass type II membrane protein [Isoform 5]: Cell membrane; Single- pass type II membrane protein [Isoform 7]: Secreted. [Isoform 9]: Secreted. [Isoform 11]: Secreted.

#### **Tissue Location**

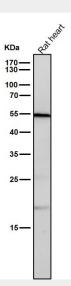
Predominantly expressed in dendritic cells and in DC-residing tissues. Also found in placental macrophages, endothelial cells of placental vascular channels, peripheral blood mononuclear cells, and THP-1 monocytes.

## Anti-CD209 Rabbit Monoclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

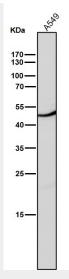
- <u>Western Blot</u>
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- <u>Cell Culture</u>

### Anti-CD209 Rabbit Monoclonal Antibody - Images

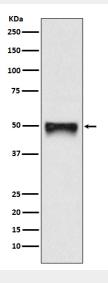


All lanes use the Antibody at 1:1K dilution for 1 hour at room temperature.





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Western blot analysis of CD209 expression in HACAT cell lysate.