

# Anti-CD209 Rabbit Monoclonal Antibody

Catalog # ABO15178

## Product Information

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|--------------------------|----------------------------------------------------------------------------------------------------|
| <b>Application</b>       | WB                                                                                                 |
| <b>Primary Accession</b> | <a href="#">Q9NNX6</a>                                                                             |
| <b>Host</b>              | Rabbit                                                                                             |
| <b>Isotype</b>           | IgG                                                                                                |
| <b>Reactivity</b>        | Human                                                                                              |
| <b>Clonality</b>         | Monoclonal                                                                                         |
| <b>Format</b>            | Liquid                                                                                             |
| <b>Description</b>       | Anti-CD209 Rabbit Monoclonal Antibody . Tested in WB application. This antibody reacts with Human. |

## Additional Information

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|----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene ID</b>             | 30835                                                                                                                                                  |
| <b>Other Names</b>         | 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 |
| <b>Calculated MW</b>       | 45775                                                                                                                                                  |
| <b>Application Details</b> | WB 1:500-1:2000                                                                                                                                        |
| <b>Source</b>              | Eukaryota                                                                                                                                              |
| <b>Contents</b>            | Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.                                    |
| <b>Clone Names</b>         | Clone: 17C54                                                                                                                                           |
| <b>Immunogen</b>           | A synthesized peptide derived from human CD209                                                                                                         |
| <b>Purification</b>        | Affinity-chromatography                                                                                                                                |
| <b>Storage</b>             | 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.             |

## Protein Information

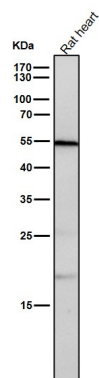
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|-----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Name</b>     | CD209 ( <a href="#">HGNC:1641</a> )                                                                                                                                                                                    |
| <b>Synonyms</b> | CLEC4L                                                                                                                                                                                                                 |
| <b>Function</b> | 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 |

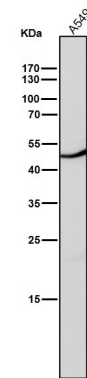
degraded in lysosomal compartments. The receptor returns to the cell membrane surface and the pathogen-derived antigens are presented to resting T-cells via MHC class II proteins to initiate the adaptive immune response.

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|-------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Cellular Location | [Isoform 1]: Membrane raft; 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.                                                     |

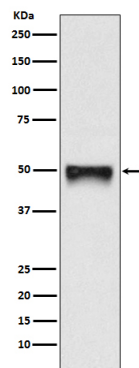
Images



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



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



Western blot analysis of CD209 expression in HACAT cell lysate.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.