

# CD209 Rabbit mAb

Catalog # AP77732

## Product Information

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|--------------------------|--|
| <b>Application</b>       | WB   |
| <b>Primary Accession</b> | <a href="#">Q9NNX6</a>                         |
| <b>Reactivity</b>        | Human  |
| <b>Host</b>              | Rabbit   |
| <b>Clonality</b>         | Monoclonal Antibody                            |
| <b>Isotype</b>           | IgG  |
| <b>Conjugate</b>         | Unconjugated                                   |
| <b>Immunogen</b>         | A synthesized peptide derived from human CD209 |
| <b>Purification</b>      | Affinity Chromatography                        |
| <b>Calculated MW</b>     | 45775  |

## Additional Information

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|--------------------|--|
| <b>Gene ID</b>     | 30835  |
| <b>Other Names</b> | CD209  |
| <b>Dilution</b>    | WB~~1/500-1/1000   |
| <b>Format</b>      | Liquid in 10mM PBS, pH 7.4, 150mM sodium chloride, 0.05% BSA, 0.02% sodium azide and 50% glycerol. |
| <b>Storage</b>     | Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.           |

## Protein Information

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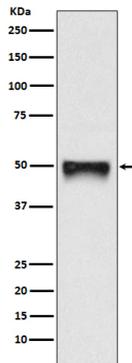
|                          |   |
|--------------------------|---|
| <b>Name</b>              | CD209 ( <a href="#">HGNC:1641</a> )   |
| <b>Synonyms</b>          | CLEC4L  |
| <b>Function</b>          | Pathogen-recognition receptor expressed on the surface of immature dendritic cells (DCs) and involved 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. |
| <b>Cellular Location</b> | [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

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