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# Anti-DC-SIGN / CD209 Reference Antibody (INSERM patent anti-DC-SIGN)

Recombinant Antibody
Catalog # APR10878

## Product Information

| | |
|---|---|
| **Application** | Functional assay, Kinetics (SPR), Kinetics (BLI), FACS, E, FTA |
| **Primary Accession** | Q9NNX6 |
| **Reactivity** | Human |
| **Clonality** | Monoclonal |
| **Isotype** | IgG1 |
| **Calculated MW** | 45775 |

## Additional Information

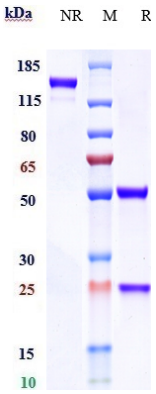
| | |
|---|---|
| **Target/Specificity** | DC-SIGN / CD209 |
| **Endotoxin Conjugation** | Unconjugated |
| **Expression system** | CHO |
| **Format** | Purified monoclonal antibody supplied in PBS, pH6.0, without preservative.This antibody is purified through a protein A column. |

## Protein Information

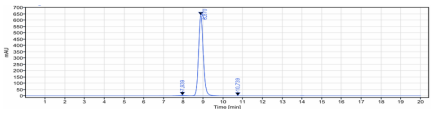
| | |
|---|---|
| **Name** | CD209 ( HGNC:1641) |
| **Synonyms** | CLEC4L |
| **Function** | Pathogen-recognition receptor expressed on the surface of immature dendritic cells (DCs) and involved in initiation of primary immune response. Thought to mediate the endocytosis of pathogens which are subsequently 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]: 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




Anti-DC-SIGN / CD209 Reference Antibody (INSERM patent anti-DC-SIGN) on SDS-PAGE under reducing (R) condition. The purity of the protein is greater than 90%.



The purity of Anti-DC-SIGN / CD209 Reference Antibody (INSERM patent anti-DC-SIGN) is more than 95%, determined by SEC-HPLC.

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