

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

Recombinant Antibody Catalog # APR10878

Specification

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

Application FC, E, FTA
Primary Accession Q9NNX6
Reactivity Human
Clonality Monoclonal
Isotype IgG1
Calculated MW 150 KDa

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

Target/Specificity DC-SIGN / CD209

Endotoxin

< 0.001EU/ μg, determined by LAL method.

Conjugation Unconjugated

Expression system

CHO Cell

Format

Purified monoclonal antibody supplied in PBS, pH6.0, without preservative. This antibody is purified through a protein A column.

Storage

-80°C for 2 years under sterile conditions -20°C for 1 year under sterile conditions Avoid repeated freeze-thaw cycles.

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

Tissue Location

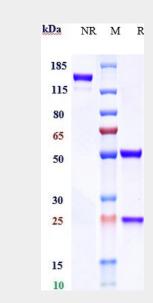
Predominantly expressed in dendritic cells and in DC-residing tissues. Also found in placental macrophages, endothelial cells of placental vascular channels, peripheral blood mononuclear cells, and THP-1 monocytes.

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

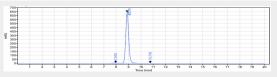
Provided below are standard protocols that you may find useful for product applications.

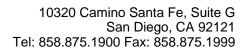
- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

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



Anti-DC-SIGN / CD209 Reference Antibody (INSERM patent anti-DC-SIGN) on SDS-PAGE under reducing (R) condition. The gel was stained with Coomassie Blue. 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.