

Product datasheet for **TA319910**

DC SIGN (CD209) Mouse Monoclonal Antibody [Clone ID: 8B6]

Product data:

| | |
|-----------------------|---|
| Product Type: | Primary Antibodies |
| Clone Name: | 8B6 |
| Applications: | IHC, WB |
| Recommended Dilution: | WB: 1 - 2 mg/mL, ICC: 5 - 10 mg/mL |
| Reactivity: | Human |
| Host: | Mouse |
| Clonality: | Monoclonal |
| Immunogen: | A recombinant His-tagged protein fragment corresponding to the extracellular region of human DC-SIGN. |
| Formulation: | DC-SIGN Monoclonal Antibody is supplied in PBS containing 0.02% sodium azide. |
| Concentration: | 1ug/ul |
| Purification: | DC-SIGN Monoclonal Antibody is immunoaffinity chromatography purified IgG. |
| Conjugation: | Unconjugated |
| Storage: | Store at -20°C as received. |
| Stability: | Stable for 12 months from date of receipt. |
| Gene Name: | CD209 molecule |
| Database Link: | NP_001138365 Entrez Gene 30835 Human Q9NNX6 |
| Background: | DC-SIGN Monoclonal Antibody: Dendritic cells (DCs) that control immune responses were recently found to capture and transport HIV from the mucosal area to remote lymph nodes, where DCs hand over HIV to CD4+ T lymphocytes. DCs also amplify the amount of virus and extend the duration of viral infectivity. Multiple strains of HIV-1, HIV-2 and SIV bind to DCs via DC-SIGN. ICAM-3 is the natural ligand for DC-SIGN. A DC-SIGN homologue (termed DC-SIGNR, L-SIGN, and DC-SIGN2) was identified recently. DC-SIGN forms a novel gene family with DC-SIGNR and many alternatively spliced isoforms of DC-SIGN and DC-SIGNR are known to exist. The expression of DC-SIGN was found in mucosal tissues including placenta, small intestine, and rectum. |

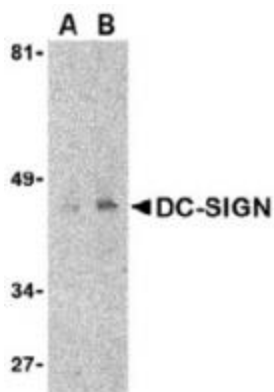


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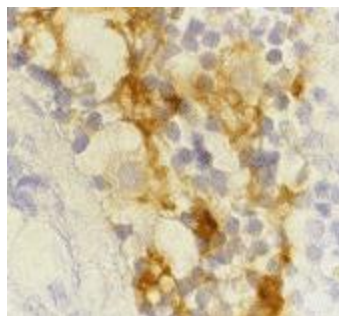
Synonyms: CDSIGN; CLEC4L; DC-SIGN; DC-SIGN1

Protein Families: Druggable Genome

Product images:



Western blot detection of DC-SIGN fusion protein in human uterus tissue lysate at (A) 1 and (B) 2 ug/mL.



Immunohistochemistry of DC-SIGN in lymph node tissue with DC-SIGN antibody at 10 ug/mL.