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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Purified Mouse Anti-CD209 Monoclonal Antibody

CLX471AP

Lot:

Size: 0.1 mg

Clone: UW60.1

Isotype: Mouse IgG₁

Specificity: The mouse monoclonal antibody UW60.1 recognizes human CD209 (DC-SIGN), a 44 kDa transmembrane receptor expressed on the surface of dendritic cells and macrophages.

Immunogen: CD209-His-tagged fusion protein

Species Reactivity: Human

Application: Flow Cytometry
Immunohistochemistry
Immunocytochemistry

Purity: > 95% (by SDS-PAGE)

Purification: Purified from cell culture supernatant by protein-A affinity chromatography.

Concentration: 1 mg/ml

Storage Buffer: Phosphate buffered saline (PBS) with 15 mM sodium azide, approx. pH 7.4.

Storage / Stability: Store at 2-8°C. Do not freeze.

Background: CD209, also known as DC-SIGN (dendritic cell-specific ICAM-3-grabbing nonintegrin) is a transmembrane receptor expressed on the surface of dendritic cells and macrophages, which recognizes numerous pathogens ranging from parasites to viruses. Its N-terminal domain is transmembrane, whereas a tandem-repeat neck domain and the C terminal C-type lectin carbohydrate recognition domain have dual function as a pathogen recognition receptor and a cell adhesion receptor. The neck region is responsible for homo-oligomerization which allows the receptor to bind multivalent ligands with high avidity. A ligand of CD209 is also CD50 (ICAM-3).

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Laboratory Reagent For Research Use Only