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30-2295: Anti-CD209 Monoclonal Antibody (Clone: UW60.1)-PE Conjugated

Clonality: Monoclonal
Clone Name: UW60.1
Application: FACS, IHC, ICC

Reactivity: Human

Conjugate: PE

Gene: CD209

Gene ID: 30835

Uniprot ID: Q9NNX6

Alternative Name: CD209,CLEC4L
Isotype: Mouse IgG1

Immunogen Information: CD209-His-tagged fusion protein

Description

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).

Product Info

Amount: 100 tests

Storage condition: Store in the dark at 2-8°C. Do not freeze. Avoid prolonged exposure to light.

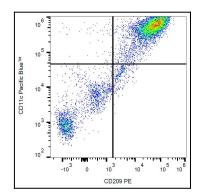


Figure 1: Surface staining of human monocytes-derived dendritic cells with antihuman CD209 (UW60.1) PE.