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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.

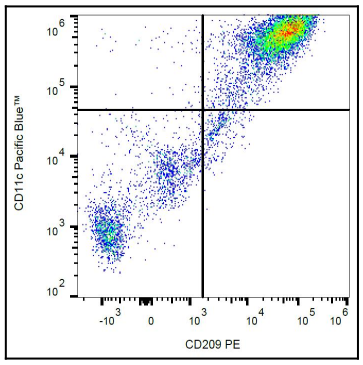

Figure 1: Surface staining of human monocytes-derived dendritic cells with anti-human CD209 (UW60.1) PE.