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Datasheet for ABIN7457866

anti-CD209b Antigen (CD209B) antibody

Overview

Quantity:	50 µg
Target:	CD209b Antigen (CD209B)
Reactivity:	Mouse
Host:	Armenian Hamster
Clonality:	Monoclonal
Conjugate:	Un-conjugated
Application:	Flow Cytometry (FACS)

Product Details

Clone:	22D1
Isotype:	IgG
Purification:	Purified
Sterility:	0.2 µm filtered
Endotoxin Level:	Low Endotoxin: Endotoxin level is < 2 EU/mg as Determined by LAL gel clotting assay.

Target Details

Target:	CD209b Antigen (CD209B)
Alternative Name:	CD209b (CD209B Products)
Background:	CD209 antigen-like protein B,Cd209b,DC-SIGN-related protein 1,DC-SIGNR1,OtB7,CD209,Cd209b,CD209B, also known as SIGN-R1, is a mouse C-type lectin

Target Details

receptor predominantly expressed on macrophages in the spleen marginal zone and lymph nodes medulla. CD209B is a mouse homolog of human CD209/DC-SIGN and is involved in innate immune response. CD209B mediates the recognition and uptake of pathogen products, such as lipopolysaccharides (LPS), pneumococcal polysaccharides, and dextrans. CD209B has been demonstrated to facilitate the clearance of encapsulated pneumococcus by directly binding to C1q and activating complement through an immunoglobulin independent pathway.

Gene ID: 69165

UniProt: [Q8CJ91](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Comment: Matching Isotype Control: AF/LE Purified Armenian Hamster IgG Isotype Control (ABIN7469872)

Restrictions: For Research Use only

Handling

Concentration: 0.5 mg/mL

Buffer: PBS, pH 7.2. Azide Free (AF)/Low Endotoxin (LE)

Preservative: Azide free

Storage: 4 °C

Storage Comment: Store at 2~8°C. Do not freeze.