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Datasheet for ABIN7456628

anti-CD209b Antigen (CD209B) antibody (Biotin)

Overview

Quantity:	25 µg
Target:	CD209b Antigen (CD209B)
Reactivity:	Mouse
Host:	Armenian Hamster
Clonality:	Monoclonal
Conjugate:	Biotin
Application:	Flow Cytometry (FACS)

Product Details

Clone:	22D1
Isotype:	IgG

Target Details

Target:	CD209b Antigen (CD209B)
Alternative Name:	CD209b (CD209B Products)
Background:	<p>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 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</p>

Target Details

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: For flow cytometric staining, the suggested use of this reagent is $\leq 1.0 \mu\text{g}$ per 10^6 cells in 100 μL volume or 100 μL of whole blood. It is recommended that the reagent be titrated for optimal performance for each application.

Comment: Matching Isotype Control: Biotin Armenian Hamster IgG Isotype Control (ABIN7469874)

Restrictions: For Research Use only

Handling

Concentration: 0.5 mg/mL

Buffer: PBS with 0.05 % Proclin300, 1 % BSA

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C

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