Product Datasheet

Low Endotoxin Purified Anti-Mouse CD209b Antibody [22D1]

Catalogue Code: AGEL2158

Antibody Data

Product SKU:	**AGEL2158**	**Clone:**	**22D1**
Applications:	**FCM**		
Reactivity:	**Mouse**		

Important Note:

Centrifuge before opening to ensure complete recovery of vial contents.

Product Information:

Alternate Names: CD209 antigen-like protein B;Cd209b;DC-SIGN-related protein 1;DC-SIGNR1;OtB7;CD209;Cd209b;

Uniprot ID: Q8CJ91

Background: 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 been demonstrated to facilitate the clearance of encapsulated pneumococcus by directly binding to C1q and activating complement through an immunoglobulin independent pathway.

Form: Liquid

Conjugation: None (AF/LE)

Size: 50µg, 500µg, 1mg

Host Species: Armenian Hamster

Isotype: Armenian Hamster IgG

Isotype Control: AF/LE Purified Armenian Hamster IgG Isotype Control[PIP] [Product AGEL2158]

Storage Buffer: 0.2 µm filtered in PBS, pH 7.2. Azide Free (AF)/Low Endotoxin (LE): Contains no stabilizers or stabilizers. Endotoxin level is < 2 EU/mg as Determined by LAL gel clotting assay.

Shipping: Biological ice pack at 4℃

Stability & Storage:	Keep as concentrated solution. Store at 2~8°C and protected from prolonged exposure to light. Do not freeze. Centrifuge before opening to ensure complete recovery of vial contents. This product is guaranteed up to one year from purchase.
Recommended Usage:	Each lot of this antibody is quality control tested by flow cytometric analysis. For flow cytometric staining, the suggested use of this reagent is ≤ 0.5 µg per 106 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.