

**Manufacturer/Supplier:**

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**Product name:** AF/LE Purified Anti-Mouse CD209b Monoclonal  
Antibody

**Catalog:** DL20383F

**Synonyms:** CD209 antigen-like protein  
B, Cd209b, DC-SIGN-related protein  
1, DC-SIGNR1, OtB7, CD209, Cd209b

**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

**Isotype:** Armenian Hamster IgG

**Size:** 50µg/500µg/1mg

**Host:** Armenian Hamster

**Reactivity:** Mouse

**Application:** FCM,IHC-F,WB

**Concentration:** 0.5 mg/mL

**Conjugation:** None (Purified antibody,Azide Free/Low endotoxin)

**SwissProt:** Q8CJ91

**Buffer:** 0.2 µm filtered in PBS, pH 7.2. Azide Free (AF)/Low Endotoxin (LE): Contains no stabilizers or

### **Recommended Use:**

Each lot of this antibody is quality control tested by flow cytometric analysis. For flow cytometric staining, the suggested use of this reagent is  $\leq 0.5 \mu\text{g}$  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.

**Storage:**

Keep as concentrated solution.

Store at 2~8°C. Do not freeze.

This product is guaranteed up to one year from purchase.