

# PerCP Rabbit anti-Mouse CD209b/DC-SIGNR1 mAb

Catalog No.: A26547

## **Basic Information**

### **Observed MW**

Refer to figures

### **Calculated MW**

16kDa/33kDa/36kDa/37kDa

# Category

Primary antibody

### **Applications**

FC

#### **Cross-Reactivity**

Mouse

### CloneNo number

ARC69315-PerCP

### Conjugate

PerCP. Ex:482nm. Em:678nm.

# 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.

# **Recommended Dilutions**

FC

5 μl per 10^6 cells in 100 μl volume

# Immunogen Information

**Gene ID** 69165

**Swiss Prot** 

Q8CJ91

#### **Immunogen**

Recombinant fusion protein containing a sequence corresponding to amino acids 76-325 of mouse CD209b/DC-SIGNR1 (NP\_081248.4).

## **Synonyms**

OtB7; SIGNR1; mSIGNR1; DC-SIGNR1; 1810030I22Rik

## **Contact**

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## **Product Information**

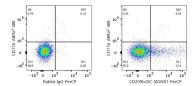
SourceIsotypePurificationRabbitIgGAffinity purification

### **Storage**

Store at 2-8°C. Avoid freeze.

Buffer: PBS with 0.09% Sodium azide, 0.2% BSA, pH7.3.

# **Validation Data**



Flow cytometry: 1X10^6 C57BL/6 mouse splenocytes were surface-stained with ABflo® 488 Rabbit anti-Mouse CD11b mAb (A24094,5 µl/Test) and PerCP Rabbit IgG isotype control (A24204,5 µl/Test,left) or PerCP Rabbit anti-Mouse CD209b/DC-SIGNR1 mAb (A26547,5 µl/Test,right).Cells in the Monocytes gate were used for analysis.