bs-17488R **[Primary Antibody]**

DC-SIGNR1/CD209b Rabbit pAb

www.bioss.com.cn
sales@bioss.com.cn
techsupport@bioss.com.cn
400-901-9800

DATASHEET

Host: Rabbit **Isotype:** IgG

Clonality: Polyclonal

GeneID: 69165 **SWISS:** Q8CJ91

Target: DC-SIGNR1/CD209b

Immunogen: KLH conjugated synthetic peptide derived from mouse CD209b: 51-150/325. < Extracellular >

Purification: affinity purified by Protein A

Concentration: 1mg/ml

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Background: Antigen-presenting cells are localized in essentially every tissue, where they operate at the interface of innate and acquired immunity by capturing pathogens and presenting pathogen-derived peptides to T cells. Dendritic cells capture antigens or viruses in peripheral tissue and transport them to lymphoid organs, an event that induces cellular T cell responses. The mouse CD209 family of cell adhesion receptors consists of CD209a (also known as DC-SIGN), CD209b, CD209c, CD209d, CD209e, CD209f and CD209g, all of which function to mediate the endocytosis and subsequent degradation of pathogens within lysosomal compartments. There are two human CD209 proteins, designated DC-SIGN and DC-SIGNR, which function in a similar manner to the mouse proteins.

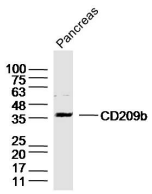
Applications: **WB** (1:500-2000)

Reactivity: Mouse

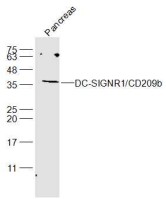
Predicted MW.: 37 kDa

Subcellular Location: Cell membrane

VALIDATION IMAGES



Sample:Pancreas (Mouse) Lysate at 40 ug Primary: Anti-DC-SIGNR1/CD209b(bs-17488R)at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 37kD Observed band size: 37kD



Sample: Pancreas (Mouse) Lysate at 40 ug Primary: Anti-DC-SIGNR1/CD209b(bs-17488R) at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 37 kD Observed band size: 37 kD

SELECTED CITATIONS

- **[IF=5.6]** Xiumeng Hua. et al. STING regulates the transformation of the proinflammatory macrophage phenotype by HIF1A into autoimmune myocarditis. INT IMMUNOPHARMACOL. 2023 Aug;121:110523 IHC ;Mouse. 37354779
- **[IF=2.8]** Li Qiao. et al. DC-SIGN (CD209)-mediated interactions between bacteria, lung cancer tissues, and macrophages promote cancer metastasis. INFECT AGENTS CANCER. 2025 Dec;20(1):1-19 IHC ;Mouse. 40544275

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.