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## DC-SIGNR1/CD209b Rabbit pAb

Catalog Number: bs-17488R

Target Protein: DC-SIGNR1/CD209b

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Polyclonal

Isotype: IgG

Applications: WB (1:500-2000)

Reactivity: Mouse

Predicted MW: 37 kDa

Entrez Gene: 69165

Swiss Prot: Q8CJ91

Source: KLH conjugated synthetic peptide derived from mouse CD209b: 51-150/325.

Purification: affinity purified by Protein A

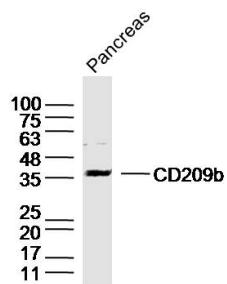
Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

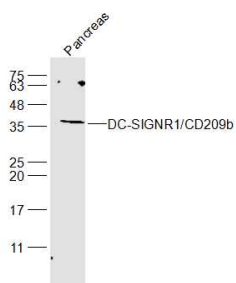
**Background:** Antigen-presenting cells are localized in essentially every tissue, where they operate at the interface of innate and acquired immunity by capturing pathogens and presenting pathogen-derived peptides to T cells. Dendritic cells capture antigens or viruses in peripheral tissue and transport 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.

### VALIDATION IMAGES

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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



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## PRODUCT SPECIFIC PUBLICATIONS

[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