bs-10521R

[Primary Antibody]

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CD200R Rabbit pAb

DATASHEET -

Host: Rabbit Isotype: IgG

Clonality: Polyclonal

GenelD: 131450 SWISS: Q8TD46

Target: CD200R

Immunogen: KLH conjugated synthetic peptide derived from human CD200R:

201-300/325. < 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: This gene encodes a receptor for the OX-2 membrane glycoprotein.

Both the receptor and substrate are cell surface glycoproteins containing two immunoglobulin-like domains. This receptor is restricted to the surfaces of myeloid lineage cells and the receptorsubstrate interaction may function as a myeloid downregulatory signal. Mouse studies of a related gene suggest that this interaction may control myeloid function in a tissue-specific manner. Alternative splicing of this gene results in multiple transcript

variants.

Applications: WB (1:500-2000)

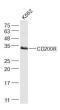
IHC-P (1:100-500) **IHC-F** (1:100-500) **IF** (1:100-500) **ELISA** (1:5000-10000)

Reactivity: Human

Predicted 33 kDa MW.:

Subcellular Location: Cell membrane

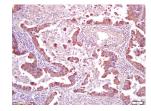
VALIDATION IMAGES



Sample: K562(Human) Cell Lysate at 30 ug Primary: Anti-CD200R (bs-10521R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 33 kD Observed band size: 33 kD



Sample: A549(Human) Cell Lysate at 30 ug Primary: Anti-CD200R (bs-10521R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 33 kD Observed band size: 33 kD



Tissue/cell: human lung carcinoma; 4% Paraformaldehyde-fixed and paraffinembedded; Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum.C-0005) at 37°C for 20 min; Incubation: Anti-CD200R Polyclonal Antibody, Unconjugated(bs-10521R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining

— SFI FCTFD CITATIONS -

- [IF=4.7] Yixuan Guo. et al. Monocytes from patients with myelodysplastic syndrome inhibit natural killer cell-mediated antitumor function through the CD200/CD200R pathway. INT IMMUNOPHARMACOL. 2025 Apr;152:114394 WB ;Human.
- [IF=2.48] Sun, Haoyu, et al. "CD200R, a co-inhibitory receptor on immune cells, predicts the prognosis of human hepatocellular carcinoma." Immunology Letters (2016). IHC; Human. 27562325
- [IF=2.49] Kuroi, Taiga. et al. Characterization of localized macrophages in bronchiolitis obliterans after allogeneic