

bs-10521R**[Primary Antibody]****CD200R Rabbit pAb****BioSS**
ANTIBODIES

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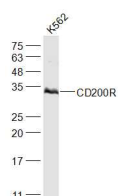
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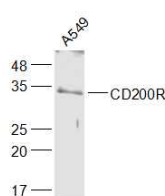
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— DATASHEET —

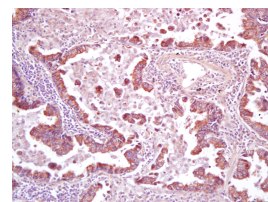
Host: Rabbit Clonality: Polyclonal GeneID: 131450 Target: CD200R Immunogen: KLH conjugated synthetic peptide derived from human CD200R: 201-300/325. < Extracellular > Purification: affinity purified by Protein A Concentration: 1mg/ml Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. 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 receptor-substrate 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.	Isotype: IgG SWISS: Q8TD46	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 MW.: 33 kDa Subcellular Location: Cell membrane
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— 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 paraffin-embedded; 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

— SELECTED 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. 40049088
- **[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

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

hematopoietic cell transplantation. 2021 Sep 07 IHC ;human. 34494183