

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

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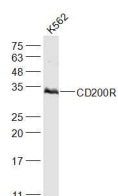
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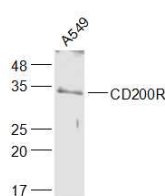
400-901-9800

**— DATASHEET —**

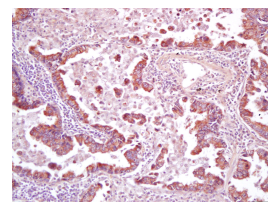
<b>Host:</b> Rabbit <b>Clonality:</b> Polyclonal <b>GeneID:</b> 131450 <b>Target:</b> CD200R <b>Immunogen:</b> KLH conjugated synthetic peptide derived from human CD200R: 201-300/325. <b>Purification:</b> affinity purified by Protein A <b>Concentration:</b> 1mg/ml <b>Storage:</b> 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles. <b>Background:</b> 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.	<b>Isotype:</b> IgG <b>SWISS:</b> Q8TD46	<b>Applications:</b> <b>WB</b> (1:500-2000) <b>IHC-P</b> (1:100-500) <b>IHC-F</b> (1:100-500) <b>IF</b> (1:100-500) <b>ELISA</b> (1:5000-10000) <b>Reactivity:</b> Human  <b>Predicted MW.:</b> 33 kDa <b>Subcellular Location:</b> 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=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 hematopoietic cell transplantation. 2021 Sep 07 IHC ;human. 34494183