

bs-7351R**[Primary Antibody]****CD200R Rabbit pAb****BioSS**
ANTIBODIES

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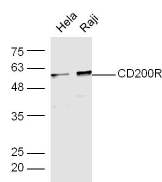
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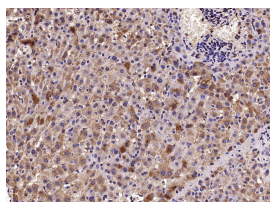
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— DATASHEET —

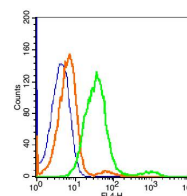
Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000)
Clonality: Polyclonal		IHC-P (1:100-500)
GeneID: 131450	SWISS: Q8TD46	IHC-F (1:100-500)
Target: CD200R		IF (1:100-500)
		Flow-Cyt (2µg/Test)
Immunogen: KLH conjugated synthetic peptide derived from human CD200R: 151-250/325.		Reactivity: Human
Purification: 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.		Predicted MW.: 34 kDa
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.		Subcellular Location: Cell membrane

— VALIDATION IMAGES —

Sample:heLa(Human) Cell Lysate at 30 ug
Raji(Human) Cell Lysate at 30 ug Primary: Anti-CD200R (bs-7351R) at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 33 kD Observed band size: 58 kD



Paraformaldehyde-fixed, paraffin embedded (Human liver); Antigen retrieval by microwave in sodium citrate buffer (pH6.0) ; Block endogenous peroxidase by 3% hydrogen peroxide for 30 minutes; Blocking buffer (3% BSA) at RT for 30min; Antibody incubation with (CD200R) Polyclonal Antibody, Unconjugated (bs-7351R) at 1:400 overnight at 4°C, followed by conjugation to the secondary antibody (labeled with HRP) and DAB staining.



Blank control:Hepg2 Cells(blue). Primary Antibody: Rabbit Anti-CD200R/AF647 Conjugated antibody (bs-7351R-AF647), Dilution: 5µg in 100 µL 1X PBS containing 0.5% BSA; Isotype Control Antibody: Rabbit IgG/AF647(orange) ,used under the same conditions.

— SELECTED CITATIONS —

- **[IF=2.8]** Clark, David A., et al. "The Receptor for the CD200 Tolerance - Signaling Molecule Associated with Successful Pregnancy is Expressed by Early - Stage Breast Cancer Cells in 80% of Patients and by Term Placental Trophoblasts." American Journal of Reproductive Immunology 74.5 (2015): 387-391. IHC ;="Human". 26011475
- **[IF=2.8]** Clark, David A., Jorge L. Arredondo, and Sukhbinder Dhesy-Thind. "The CD200 tolerance-signaling molecule and its receptor, CD200R1, are expressed in human placental villus trophoblast and in peri-implant decidua by 5 weeks' gestation." Journal of Reproductive Immunology 112 (2015): 20-23. IHC ;="Human". 26123445
- **[IF=2.8]** Clark, David A., et al. "Changes in expression of the CD200 tolerance - signaling molecule and its receptor

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

(CD200R) by villus trophoblasts during first trimester missed abortion and in chronic histiocytic intervillitis." American Journal of Reproductive Immunology (2017). IHC ;="Human". 28326648