

bsm-60638R**[Primary Antibody]****BioSS**
ANTIBODIES

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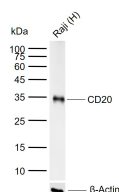
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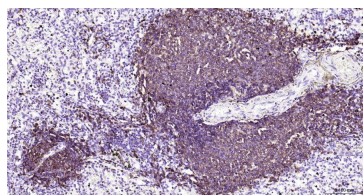
400-901-9800

CD20 Recombinant Rabbit mAb**— DATASHEET —**

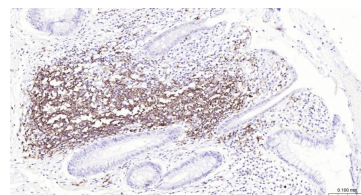
Host: Rabbit	Isotype: IgG	Applications: WB (1:1000-5000) IHC-P (1:200-1000) IHC-F (1:400-800) IF (1:100-500) Reactivity: Human, Mouse, Rat Predicted MW.: 33 kDa Subcellular Location: Cell membrane
Clonality: Recombinant	CloneNo.: 5D10	
GeneID: 931	SWISS: P11836	
Target: CD20		
Purification: affinity 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: CD20 is a non glycosylated protein with a molecular weight of 35 or 37 kDa depending on the degree of phosphorylation. Although not a member of the tetraspanin superfamily of cell surface receptors, it crosses the cell membrane four times. The CD20 antigen is present on human pre B lymphocytes and on B lymphocytes at all stages of maturation, except on plasma cells. Low level expression of the CD20 antigen has been detected on normal T lymphocytes. The CD20 molecule is involved in regulation of B cell differentiation, presumably via its reported function as a Ca++ channel subunit.		

— VALIDATION IMAGES —

Sample: Lane 1: Human Raji cell lysates Primary:
 Anti-CD20 (bsm-60638R) at 1/1000 dilution
 Secondary: IRDye800CW Goat Anti-Rabbit IgG at
 1/20000 dilution Predicted band size: 33 kDa
 Observed band size: 35 kDa



Paraformaldehyde-fixed, paraffin embedded (human spleen); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (CD20) Monoclonal Antibody, Unconjugated (bsm-60638R) at 1:100 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructionsand DAB staining.



Paraformaldehyde-fixed, paraffin embedded (human colon carcinoma); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (CD20) Monoclonal Antibody, Unconjugated (bsm-60638R) at 1:100 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructionsand DAB staining.

— SELECTED CITATIONS —

- **[IF=5.4]** Cuiping Xu. et al. Comparison of the components of fresh Panax notoginseng processed by different methods and their anti-anemia effects on cyclophosphamide-treated mice. J ETHNOPHARMACOL. 2024 Apr;;118148 IF ;Mouse. 38583734