

bsm-30098M**[Primary Antibody]****human CD20 Mouse mAb****Bioss**
ANTIBODIES

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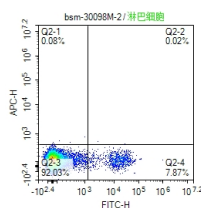
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— DATASHEET —

Host: Mouse	Isotype: Mouse IgG2a	Applications: Flow-Cyt (2ug/Test) Reactivity: Human Predicted MW.: 33 kDa Subcellular Location: Cell membrane
Clonality: Monoclonal	CloneNo.: HI20a	
GeneID: 931	SWISS: P11836	
Target: human CD20		
Purification: affinity purified by Protein G		
Concentration: 1mg/ml		
Storage: 0.01M TBS (pH7.4). 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 —

Blank control: whole blood. Primary Antibody (green line): Mouse Anti-CD20 antibody (bsm-30098M) Dilution: 2ul/Test; Secondary Antibody : Goat anti-Mouse IgG-FITC Dilution: 0.5ug/Test. Protocol Cells stained with Primary Antibody for 30 min at room temperature. The secondary antibody used for 40 min at room temperature. Acquisition of 20,000 events was performed.