

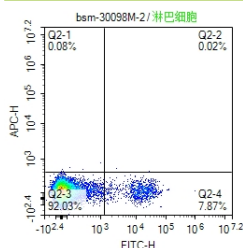
human CD20 Mouse mAb

Catalog Number: bsm-30098M
Target Protein: human CD20
Concentration: 1mg/ml
Form: Liquid
Host: Mouse
Clonality: Monoclonal
Clone No.: HI20a
Isotype: Mouse IgG2a
Applications: Flow-Cyt (2ug/Test)
Reactivity: Human
Predicted MW: 33 kDa
Detected MW: 33-37 kDa
Entrez Gene: 931
Swiss Prot: P11836
Purification: affinity purified by Protein G
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.