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## CD20 Rabbit pAb

Catalog Number: bs-4869R

Target Protein: CD20

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Polyclonal

Isotype: IgG

Applications: IHC-P (1:100-500), IHC-F (1:100-500), IF (1:100-200), ICC/IF (1:100-500), ELISA (1:5000-10000)

Reactivity: (predicted:Human, Mouse, Rat, Cow, Dog)

Predicted MW: 33 kDa

Entrez Gene: 931

Swiss Prot: P11836

Source: KLH conjugated synthetic peptide derived from human CD20: 51-150/297.

Purification: affinity purified by Protein A

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<sup>++</sup> channel subunit.

### PRODUCT SPECIFIC PUBLICATIONS

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[IF=3.156] Lili Feng, et al. NFYB potentiates STK33 activation to promote cisplatin resistance in diffuse large B-cell lymphoma. Leukemia Res. 2021 Sep;;106708 IHC ; mouse . 34536775