

Anti-CD20 Polyclonal Antibody 4

Product Details

Ig Type:	IgG
Reactivity:	Human (predicted:Rabbit,Horse)
Molecular Weight:	Theoretical: 33 kDa.
Purification:	Protein A purified

Applications

Verified Activity:	4% Paraformaldehyde-fixed Raji (H) cell; Triton X-100 at r. T. for 20 min; Antibody incubation with (CD20) polyclonal Antibody, unconjugated (TMAB-03907) 1:100, 90 min at 37°C; followed by conjugated Goat Anti-Rabbit IgG antibody (green) at 37°C for 90 min, DAPI (blue) was used to stain the cell nuclei. PBS instead of the primary antibody was used as the blank control.
Application:	ICC/IF
Recommended	ICC/IF: 1:50-200

Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	KLH conjugated synthetic peptide: human CD20
Antigen Species:	Human
Gene ID:	931
Uniprot ID:	P11836

Research 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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