

Product datasheet for **AM08155PU-N**

CD20 (MS4A1) F(ab)₂ Fragment Mouse Monoclonal Antibody [Clone ID: B-Ly1]

Product data:

Product Type:	Primary Antibodies
Clone Name:	B-Ly1
Applications:	FC, IHC
Recommended Dilution:	Flow Cytometry. Immunohistochemistry on Frozen Sections.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Unknown.
Specificity:	This antibody recognizes CD20.
Formulation:	100 mM Borate Buffered Saline, pH 8.2. No preservatives or amine-containing buffer salts added. State: Purified State: Liquid purified Ig fraction
Concentration:	lot specific
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C.
Stability:	Shelf life: one year from despatch.
Gene Name:	membrane spanning 4-domains A1
Database Link:	Entrez Gene 931 Human P11836



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Background:

CD20 is a non glycosylated protein with a molecular weight of 33 - 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. (Ref-1-4)

Synonyms:

MS4A1, Leu-16, Bp35, B-cell marker