



ELK Biotechnology

CD20 Mouse mAb

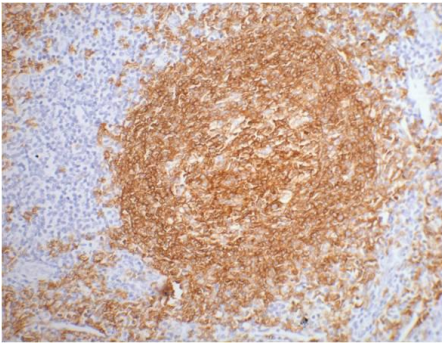
Catalog NO.: EM1048

For research use only.

Overview

Product name	CD20 Mouse Monoclonal antibody
Source	Mouse
Applications	IHC
Species reactivity	Human Rat Mouse
Recommended dilutions	Immunohistochemistry:1/200 NOTE: Optimal dilutions should be determined by the end user.
Immunogen	Synthetic Peptide
Species	Human
Storage	PBS with 0.02% sodium azide and 50% glycerol pH 7.4. Store at -20° C. Avoid repeated freeze-thaw cycles.
Isotype	IgG1
Clonality	Monoclonal
Concentration	1 mg/ml
Observed band	35-37kDa
GeneID (Human)	931
Human Swiss-Prot No.	P11836
Cellular localization	Membrane
Alternative Names	B lymphocyte antigen CD20 B1 Bp35 LEU6 MS4A1 MS4A1MS4A2 S7
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 ²⁺ channel

subunit.



IHC staining of Human tonsil tissue paraffin-embedded with CD20 mouse mAb (2F4) diluted at:200.