



ELK Biotechnology

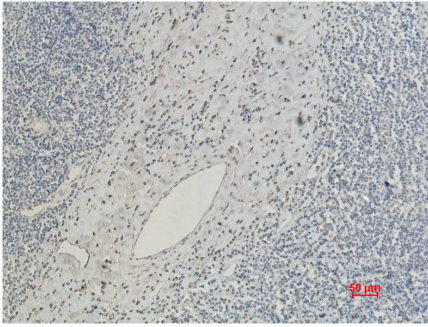
CD5 Mouse mAb

Catalog NO.: EM1071

For research use only.

Overview

Product name	CD5 Mouse Monoclonal antibody
Source	Mouse
Applications	IHC
Species reactivity	Human Rat Mouse
Recommended dilutions	Immunohistochemistry:1/100-200 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	N/A
GeneID (Human)	921
Human Swiss-Prot No.	P06127
Cellular localization	Membrane
Alternative Names	CD5 molecule LEU1 Lymphocyte antigen T1/Leu T1
Background	CD5 is a cluster of differentiation found on a subset of IgM-secreting B cells called B-1 cells and also on T cells. B-1 cells have limited diversity of their B-cell receptor due to their lack of the enzyme terminal deoxynucleotidyl transferase (TdT) and are potentially self-reactive. CD5 serves to mitigate activating signals from the BCR so that the B-1 cells can only be activated by very strong stimuli (such as bacterial proteins) and not by normal tissue proteins.



Immunohistochemical analysis of paraffin-embedded Human Tonsil Carcinoma using CD5 (EM1071) Mouse mAb diluted at:200.