

CD5 Mouse mAb

Cat No: HR1AM2182

For research use only

Overview

Product Name	CD5 Mouse mAb
Source	Mouse
Applications	IHC
Species Reactivity	Human,Rat,Mouse
Recommended Dilutions	IHC 1:100-200
Immunogen	
Species	Mouse
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	1mg/ml
Observed band	N/AkDa
GeneID?Human?	921
Human Swiss-Prot No.	
Cellular localization	
Alternative Names	CD5 molecule, LEU1, Lymphocyte antigen T1/Leu 1, 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.