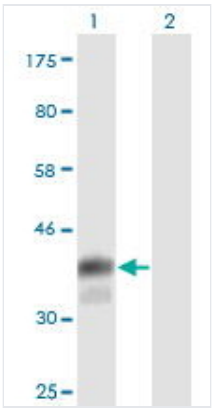
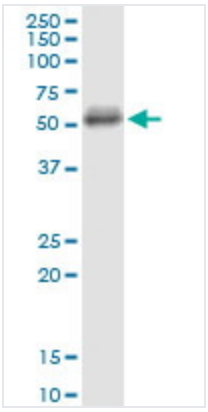
CD5 Antibody – Mouse Monoclonal

PRODUCT OVERVIEW

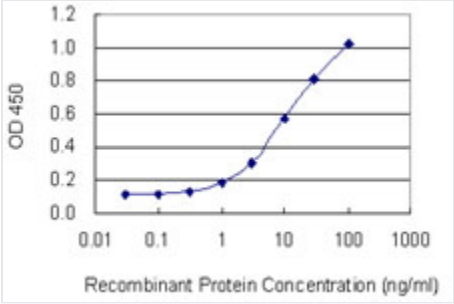
Product Name	CD5, Monoclonal Antibody
Full Product Name	CD5 (CD5 Molecule, LEU1, T1) (PE)
Product Gene Name	anti-CD5 antibody
Product Synonym Names	CD5 Molecule; LEU1; T1
Clonality	Monoclonal
Isotype	IgG2a,k
Clone Number	2F7
Host	Mouse
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with R-Phycoerythrin (PE).
Purity/Purification	Purified
Specificity	Recognizes CD5.
Preparation and Storage	Store product at 4 degree C in the dark. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Caution: PE conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial prior to removing the cap.
Immunogen	CD5 (ABM83003, 403aa-495aa) partial recombinant protein with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	KKLVKKFRQKKQRQWIGPTGMNQNMSFHRNHTATVRSHAENPTASHVDNEYSQPPRNSRLSAYPALEGVLHRSSMQPDNSSDSDYDLHGAQRL
Conjugate	PE
Product Categories/Family for anti-CD5 antibody	Antibodies; CD Markers
Applications Tested/Suitable for anti-CD5 antibody	Western Blot (WB)
Application Notes for anti-CD5 antibody	Applications are based on unconjugated antibody.
Related Product Information for anti-CD5 antibody	MBS6187400 is an antibody targeting CD5. Also known as CD5 (CD5 Molecule, LEU1, T1) (PE). Host: Mouse. Mouse monoclonal antibody raised against a partial recombinant CD5.
Other Notes	Small volumes of anti-CD5 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.



Western Blot (WB) of anti-CD5 antibody
Western Blot analysis of CD5 expression in transfected 293T cell line by CD5 monoclonal antibody (M01), clone 2F7.Lane 1: CD5 transfected lysate (Predicted MW: 36.3 KDa).Lane 2: Non-transfected lysate.



Western Blot (WB) of anti-CD5 antibody
CD5 monoclonal antibody (M01), clone 2F7. Western Blot analysis of CD5 expression in K-562.



Testing Data of anti-CD5 antibody
Detection limit for recombinant GST tagged CD5 is 0.3 ng/ml as a capture antibody.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for CD5. It may not necessarily be applicable to this product.

NCBI GI #	123982524
NCBI Accession #	ABM83003
NCBI Official Full Name	CD5 molecule
Protein Family	T-cell surface glycoprotein
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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Online datasheet: https://www.mybiosource.com/monoclonal-antibody/cd5/6187400