Mouse anti-Human PTBP1 Monoclonal Antibody | anti-PTBP1 antibody

PTBP1 (Polypyrimidine Tract-binding Protein 1, PTB, Heterogeneous Nuclear Ribonucleoprotein I, hnRNP I, 57kD RNA-binding Protein PPTB-1, MGC10830, MGC8461) (FITC)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA25219	**Mouse**	**Human**	**ELISA, Immunofluorescence, Immunohistochemistry, Immunoprecipitation, Western Blot**

PRODUCT SYNONYMS

PTBP1; Monoclonal Antibody; PTBP1 (Polypyrimidine Tract-binding Protein 1; PTB; Heterogeneous Nuclear Ribonucleoprotein I; hnRNP I; 57kD RNA-binding Protein PPTB-1; MGC10830; MGC8461) (FITC); anti-PTBP1 antibody

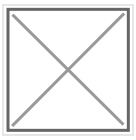
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1,k
Clone Number	3H8
Specificity	Recognizes human PTBP1.
Purity/Purification	Purified by Protein A Affinity Chromatography.
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Fluorescein isothiocyanate (FITC).
Applicable Applications for anti-PTBP1 antibody	ELISA, IF (Immunofluorescence), IHC (Immunohistochemistry), IP (Immunoprecipitation), WB (Western Blot)
Application Notes	IF: 10ug/ml Applications are based on unconjugated antibody.
Immunogen	Partial recombinant corresponding to aa45-145, from human PTBP1 (NP_002810) with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	KKFKGDSRSAGVPSRVIHIRKLPIDVTEGEVISLGLPFGKVTNLLMLKGKNQAFIEMNTEEAANTMVNYYTSVTPVLRGQPIYIQFSNHKELKTDSSPNQ
Conjugate	FITC
Preparation and Storage	Store product at 4 degree C if to be used immediately within two weeks. For long-term storage, aliquot to avoid repeated freezing and thawing and store at -20 degree C. Aliquots are stable at -20 degree C for 12 months after receipt. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Caution: FITC conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.

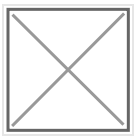
IMAGES

Application Data
Detection limit for recombinant GST tagged PTBP1 is ~0.1ng/ml as a capture antibody.

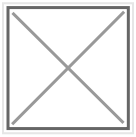
IP (Immunoprecipitation)
Immunoprecipitation of PTBP1 transfected lysate using PTBP1 monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with PTBP1 rabbit polyclonal antibody.



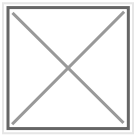
IF (Immunofluorescence)
Immunofluorescence of monoclonal antibody to PTBP1 on HeLa cell. [antibody concentration 10ug/ml]



IHC (Immunohistochemistry)
Immunoperoxidase of monoclonal antibody to PTBP1 on formalin-fixed paraffin-embedded human kidney. [antibody concentration 3ug/ml]



WB (Western Blot)
Western Blot analysis of PTBP1 expression in transfected 293T cell line by PTBP1 monoclonal antibody, Lane 1: PTBP1 transfected lysate (59.6kD). Lane 2: Non-transfected lysate.



WB (Western Blot)
PTBP1 monoclonal antibody, Western Blot analysis of PTBP1 expression in A-431.

ADDITIONAL INFORMATION

Product Categories/Family for anti-PTBP1 antibody	Antibodies; Binding Proteins

NCBI AND UNIPROT INFORMATION

NCBI GI #	4506243
NCBI GeneID	5725
NCBI Accession #	NP_002810
NCBI GenBank Nucleotide #	NM_002819
UniProt Accession #	Q9BUQ0; P26599
Molecular Weight	59,633 Da
NCBI Official Full Name	polypyrimidine tract-binding protein 1 isoform a
NCBI Official Synonym Full Names	polypyrimidine tract binding protein 1
NCBI Official Symbol	PTBP1
NCBI Official Synonym Symbols	PTB; PTB2; PTB3; PTB4; pPTB; HNRPI; PTB-1; PTB-T; HNRNPI; HNRNP-I
NCBI Protein Information	polypyrimidine tract-binding protein 1; 57 kDa RNA-binding protein PPTB-1; heterogeneous nuclear ribonucleoprotein I; heterogeneous nuclear ribonucleoprotein polypeptide I; hnRNP I; polypyrimidine tract binding protein (heterogeneous nuclear ribonucleopro
UniProt Protein Name	Polypyrimidine tract-binding protein 1
UniProt Gene Name	**PTBP1**
UniProt Synonym Gene Names	PTB; PTB; hnRNP I
UniProt Entry Name	PTBP1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://stage.aaabiotech.com/monoclonal/ptbp1-antibody-clone-3h8-immunofluorescence-immunohistochemistry-immunoprecipitation-western-blot-elisa/25219