

Mouse anti-Human hnRNP L Monoclonal Antibody | anti-HNRNPL antibody

hnRNP L (393) Mouse mAb

CATALOG # AAA62344	HOST Mouse	REACTIVITY Human	APPLICATIONS Flow Cytometry, Functional Assay, Immunoprecipitation, Western Blot
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PRODUCT SYNONYMS

hnRNP L; Monoclonal Antibody; hnRNP L (393) Mouse mAb; Heterogeneous nuclear ribonucleoprotein L; HNRNPL; HNRPL; anti-HNRNPL antibody

PRODUCT SPECIFICATIONS

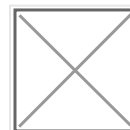
Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG
Sequence Length	589
Applicable Applications for anti-HNRNPL antibody	FCM/FACS (Flow Cytometry), IP (Immunoprecipitation), WB (Western Blot)
Source Note	This monoclonal antibody is produced by immunizing mice with a sythetic peptide(KLH coupled)corresponding to amino-terminal residues of human HNRPL.
Preparation and Storage	Store at -20 degree C. Stable for one year from the date of shipment.

IMAGES



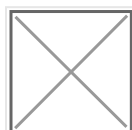
FCM/FACS (Flow Cytometry)

Flow cytometric analysis of 2% paraformaldehyde-fixed THP1 (Human acute monocytic leukemia cell line) cells labeling HNRPL with M25226 at 1/200 dilution (red) compared with a mouse monoclonal IgG isotype control (black) and an unlabelled control (cells without incubation with primary antibody, blue). Goat anti-mouse IgG (FITC) at 1/300 dilution was used as the secondary antibody.



IP (Immunoprecipitation)

HNRPL was immunoprecipitated from 1mg of THP1 cells membrane fraction, blotted with M25226 of 10 ug. Western blot was performed from the immunoprecipitate using M25226 at 1/1000 dilution. Anti-Mouse-IgG(HRP), specific to the non-reduced form of IgG, was used as secondary antibody at 1/10000 dilution. Lane 1: THP1 cells membrane fraction. Lane2: IP product of THP1 cells membrane fraction.Blocking and dilution buffer and concentration:5% milk/TBST.



WB (Western Blot)

All lanes : HNRPL Mouse mAb at 1/2000 dilution Lane 1 : THP1 cells membrane fraction Lane 2 : Jurkat cells membrane fraction Lysates/proteins at 20 ug per lane. Secondary Goat Anti-Mouse IgG-HRP, 5% milk conjugated at 1/10000 dilution Predicted band size : 64 KDa Observed band size : 64 KDa Blocking/Dilution buffer : 1x TBST.

ADDITIONAL INFORMATION

Related Product Information for anti-HNRNPL antibody	Heterogeneous nuclear RNAs (hnRNAs) which include mRNA precursors and mature mRNAs are associated with specific proteins to form heterogenous ribonucleoprotein (hnRNP) complexes. Heterogeneous nuclear ribonucleoprotein L is among the proteins that are stably associated with hnRNP complexes and along with other hnRNP proteins is likely to play a major role in the formation, packaging, processing, and function of mRNA. Heterogeneous nuclear ribonucleoprotein L is present in the nucleoplasm as part of the HNRNP complex. HNRNP proteins have also been identified outside of the nucleoplasm. Exchange of hnRNP for mRNA-binding proteins accompanies transport of mRNA from the nucleus to the cytoplasm. Since HNRNP proteins have been shown to shuttle between the nucleus and the cytoplasm, it is possible that they also have cytoplasmic functions. Two transcript variants encoding different isoforms have been found for this gene.
Product Categories/Family for anti-HNRNPL antibody	Cell Marker; Subcellular Marker; Nucleoplasma

NCBI AND UNIPROT INFORMATION

NCBI GI #	52632383
NCBI GeneID	3191
NCBI Accession #	NP_001524.2
NCBI GenBank Nucleotide #	NM_001533.2
UniProt Accession #	P14866; Q9H3P3; A6ND69; A6NIT8
Molecular Weight	Predicted MW: 64kDa
NCBI Official Full Name	heterogeneous nuclear ribonucleoprotein L isoform a
NCBI Official Synonym Full Names	heterogeneous nuclear ribonucleoprotein L
NCBI Official Symbol	HNRNPL
NCBI Official Synonym Symbols	HNRPL; hnRNP-L; P/OKcl.14
NCBI Protein Information	heterogeneous nuclear ribonucleoprotein L
UniProt Protein Name	Heterogeneous nuclear ribonucleoprotein L
UniProt Gene Name	HNRNPL
UniProt Synonym Gene Names	HNRPL; hnRNP L

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/hnrrnp-l-antibody-flow-cytometry-immunoprecipitation-western-blot-elisa/62344>