

Mouse anti-Human HNRPA2B1 Monoclonal Antibody | anti-HNRPA2B1 antibody

HNRPA2B1 Mouse mAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA62338	Mouse	Human	Flow Cytometry, Functional Assay, Immunoprecipitation, Western Blot

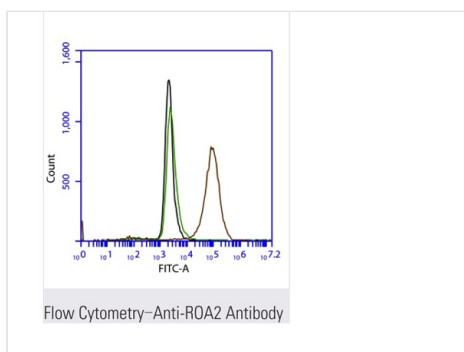
PRODUCT SYNONYMS

HNRPA2B1; Monoclonal Antibody; HNRPA2B1 Mouse mAb; hnRNP A2B1 Mouse mAb; heterogeneous nuclear ribonucleoprotein A2; heterogeneous nuclear ribonucleoprotein B0a; heterogeneous nuclear ribonucleoprotein B0b; heterogeneous nuclear ribonucleoprotein B1; Heterogeneous nuclear ribonucleoproteins A2/B1; heterogeneous nuclear ribonucleoproteins A2/B1 {ECO:0000312|EMBL:BAF79676.1}; heterogenous nuclear ribonucleoprotein A2/B1; hnRNP A2 / hnRNP B1; hnRNP A2/B1; HNRNPA2; hnnpa2b1 {ECO:0000250|UniProtKB:P22626}; HNRNPB1; HNRPA2; HNRPB1; nuclear ribonucleoprotein particle A2 protein; RNPA2; SNRPB1; anti-HNRPA2B1 antibody

PRODUCT SPECIFICATIONS

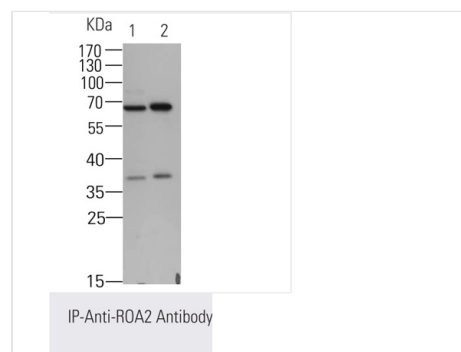
Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG
Sequence Length	353
Applicable Applications for anti-HNRPA2B1 antibody	FCM/FACS (Flow Cytometry), IP (Immunoprecipitation), WB (Western Blot)
Source Note	This monoclonal antibody is produced by immunizing mice with a sythetic peptide(KLH coupled)corresponding to amino-terminal residues of human ROA2.
Preparation and Storage	Store at -20 degree C. Stable for one year from the date of shipment.

IMAGES



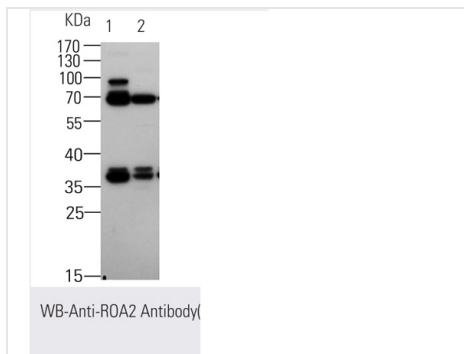
FCM/FACS (Flow Cytometry)

Flow cytometric analysis of 2% paraformaldehyde-fixed THP1 (Human acute monocytic leukemia cell line) cells labeling ROA2 with M25231 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)

ROA2 was immunoprecipitated from 1mg of THP1 cells membrane fraction, blotted with M25231 of 10 ug. Western blot was performed from the immunoprecipitate using M25231 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 : ROA2 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 : 37 KDa Observed band size : 37 KDa Blocking/Dilution buffer : 1x TBST.

ADDITIONAL INFORMATION

Related Product Information for anti-HNRPA2B1 antibody	This gene belongs to the A/B subfamily of ubiquitously expressed heterogeneous nuclear ribonucleoproteins (hnRNPs). The hnRNPs are RNA binding proteins and they complex with heterogeneous nuclear RNA (hnRNA). These proteins are associated with pre-mRNAs in the nucleus and appear to influence pre-mRNA processing and other aspects of mRNA metabolism and transport. While all of the hnRNPs are present in the nucleus, some seem to shuttle between the nucleus and the cytoplasm. The hnRNP proteins have distinct nucleic acid binding properties. The protein encoded by this gene has two repeats of quasi-RRM domains that bind to RNAs. This gene has been described to generate two alternatively spliced transcript variants which encode different isoforms.
Product Categories/Family for anti-HNRPA2B1 antibody	Cell Marker; Subcellular Marker; Nucleoplasma

NCBI AND UNIPROT INFORMATION

NCBI GI #	14043072
NCBI GeneID	3181
NCBI Accession #	NP_112533.1
NCBI GenBank Nucleotide #	NM_031243.2
UniProt Accession #	P22626; P22627; Q9UC98; Q9UDJ2; A0A024RA27; A0A024RA61; A8K064
Molecular Weight	Predicted MW: 37kDa
NCBI Official Full Name	heterogeneous nuclear ribonucleoproteins A2/B1 isoform B1
NCBI Official Synonym Full Names	heterogeneous nuclear ribonucleoprotein A2/B1
NCBI Official Symbol	HNRNPA2B1
NCBI Official Synonym Symbols	RNPA2; HNRPA2; HNRPB1; SNRPB1; HNRNPA2; HNRNPB1; IBMPFD2; HNRPA2B1
NCBI Protein Information	heterogeneous nuclear ribonucleoproteins A2/B1
UniProt Protein Name	Heterogeneous nuclear ribonucleoproteins A2/B1
UniProt Gene Name	HNRNPA2B1
UniProt Synonym Gene Names	HNRPA2B1; hnRNP A2/B1

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.