Mouse anti-Human ROA1 Monoclonal Antibody | anti-ROA1 antibody

ROA1 (957) Mouse mAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA62341	**Mouse**	**Human**	**Flow Cytometry, Functional Assay, Immunoprecipitation, Western Blot**

PRODUCT SYNONYMS

ROA1; Monoclonal Antibody; ROA1 (957) Mouse mAb; hnRNP A1(957) Mouse mAb; HDP; HDP-1; Helix-destabilizing protein; Heterogeneous nuclear ribonucleoprotein A1; heterogeneous nuclear ribonucleoprotein A1B protein; heterogeneous nuclear ribonucleoprotein B2 protein; heterogeneous nuclear ribonucleoprotein core protein A1; hnRNP A1; hnRNP A1-; hnRNP core protein A1; hnRNP core protein A1-like 3; hnRNP-A1; HNRPA1; HNRPA1L3; nuclear ribonucleoprotein particle A1 protein; Putative heterogeneous nuclear ribonucleoprotein A1-like 3; single-strand DNA-binding protein UP1; Single-strand RNA-binding protein; Single-strand-binding protein; Topoisomerase-inhibitor suppressed; anti-ROA1 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG
Sequence Length	222
Applicable Applications for anti-ROA1 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 ROA1.
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 ROA1 with M25229 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)
ROA1 was immunoprecipitated from 1mg of THP1 cells membrane fraction, blotted with M25229 of 10 ug. Western blot was performed from the immunoprecipitate using M25229 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 : ROA1 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 : 38 KDa Observed band size : 38 KDa Blocking/Dilution buffer : 1x TBST.

ADDITIONAL INFORMATION

Related Product Information for anti-ROA1 antibody	Involved in the packaging of pre-mRNA into hnRNP particles, transport of poly(A) mRNA from the nucleus to the cytoplasm and may modulate splice site selection.
Product Categories/Family for anti-ROA1 antibody	Cell Marker; Subcellular Marker; Nucleoplasma

NCBI AND UNIPROT INFORMATION

NCBI GI #	958726336
Molecular Weight	Predicted MW: 38kDa
NCBI Official Full Name	ROA1
UniProt Protein Name	ROA1
UniProt Gene Name	**ROA1**

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/roa1-antibody-flow-cytometry-immunoprecipitation-western-blot-elisa/62341