Mouse anti-Human, Mouse RNH1 Monoclonal Antibody | anti-RNH1 antibody

RNH1 antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA48063	**Mouse**	**Human, Mouse**	**Immunofluorescence, Immunocytochemistry, Flow Cytometry, Functional Assay, Western Blot, ELISA**

PRODUCT SYNONYMS

RNH1; Monoclonal Antibody; RNH1 antibody; ribonuclease/angiogenin inhibitor 1; ribonuclease/angiogenin inhibitor; RAI; anti-RNH1 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Mouse
Clonality	Monoclonal
Isotype	IgG2a, k
Clone Number	AT1H23
Purity/Purification	By protein-G affinity chromatography
Form/Format	Liquid. In phosphate-buffered saline (pH 7.4) with 0.02% Sodium Azide, 10% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	461
Applicable Applications for anti-RNH1 antibody	IF (Immunofluorescence), ICC (Immunocytochemistry), FCM/FACS (Flow Cytometry), WB (Western Blot), ELISA
Antigen Species	Human
Immunogen	Recombinant Ribonuclease inhibitor 1 (RNH1) (7-461aa) purified from E. coli
Clone Note	Anti-human RNH1 mAb, clone AT1H23, is derived from hybridization of mouse F0 myeloma cells with spleen cells from BALB/c mice immunized with a recombinant human RNH1 protein.
Preparation and Storage	Can be stored at 4 degree C. For long term storage, aliquot and store at -20 degree C. Avoid repeated freezing and thawing cycles.

IMAGES



IF (Immunofluorescence)
ICC/IF analysis of RNH1 in PC3 cells line, stained with DAPI (Blue) for nucleus staining and monoclonal anti-human RNH1 antibody (1:100) with goat anti-mouse IgG-Alexa fluor 488 conjugate (Green).



WB (Western Blot)
The Cell lysates (40ug) were resolved by SDS-PAGE, transferred to PVDF membrane and probed with anti-human RNH1 antibody (1:500). Proteins were visualized using a goat anti-mouse secondary antibody conjugated to HRP and an ECL detection system. Lane 1. : Jurkat cell lysate Lane 2. : HepG2 cell lysate

ADDITIONAL INFORMATION

Related Product Information for anti-RNH1 antibody	Ribonuclease inhibitor 1 (RNH1) the placental ribonuclease inhibitor, is an acid protein with a molecular weight of 50 kDa. RNH1 is a member of a family of proteinaceous cytoplasmic RNase inhibitors that are expressed in many tissues and bind to both intracellular and extracellular RNases in the cytosol. RNH1 is a role in abolishing the ribonucleolytic and angiogenic activities of angiogenin.
Product Categories/Family for anti-RNH1 antibody	Metabolism
References	Park J.H., et al., (2008) Cytotechnology 57 (1):93-99 ; Johnson R.J., et al., (2007) J Mol Biol 368 (2):434-449; Fu P, et al., (2005) Cancer Gene Ther 12 (3):268-275

NCBI AND UNIPROT INFORMATION

NCBI GI #	21361547
NCBI GeneID	6050
NCBI Accession #	NP_002930
NCBI GenBank Nucleotide #	NM_002939.3
UniProt Accession #	P13489; Q8IZK8; Q96FD7; Q9BQ80; Q9UDK6
Molecular Weight	49,973 Da
NCBI Official Full Name	ribonuclease inhibitor
NCBI Official Synonym Full Names	ribonuclease/angiogenin inhibitor 1
NCBI Official Symbol	RNH1
NCBI Official Synonym Symbols	RAI; RNH
NCBI Protein Information	ribonuclease inhibitor
UniProt Protein Name	Ribonuclease inhibitor
UniProt Gene Name	**RNH1**
UniProt Synonym Gene Names	PRI; RNH; Placental RNase inhibitor; RAI

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: https://stage.aaabiotech.com/monoclonal/rnh1-antibody-clone-at1h23-immunofluorescence-immunocytochemistry-flow-cytometry-western-blot-elisa/48063