Mouse Ribonuclease inhibitor 1 Monoclonal Antibody | anti-RNH1 antibody

Ribonuclease inhibitor 1 (RNH1)

CATALOG #	HOST	APPLICATIONS
AAA14697	**Mouse**	**Immunofluorescence, ELISA, Western Blot**

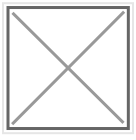
PRODUCT SYNONYMS

Ribonuclease inhibitor 1; Monoclonal Antibody; Ribonuclease inhibitor 1 (RNH1); Anti -Ribonuclease inhibitor 1 (RNH1); anti-RNH1 antibody

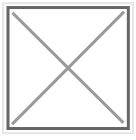
PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG2a,k
Clone Number	10C309
Specificity	Recognizes human Ribonuclease inhibitor 1
Purity/Purification	Affinity Purified Purified by Protein G affinity chromatography.
Form/Format	Supplied as a liquid in PBS, pH 7.4, 0.02% sodium azide, 10% glycerol.
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-RNH1 antibody	IF (Immunofluorescence), ELISA, WB (Western Blot)
Application Notes	WB: 1:500 IF/ICC: 1:100 Optimal dilutions to be determined by the researcher. Other applications not tested.
Immunogen	Recombinant protein corresponding to aa7-461 from human Ribonuclease inhibitor 1 expressed in E. coli.
Hybridoma	FO myeloma cells with spleen cells form Balb/c mice.
Preparation and Storage	May be stored at 4°C for short-term only. Aliquot to avoid repeated freezing and thawing. Store at -20°C. Aliquots are stable for 12 months after receipt. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.

IMAGES



IF (Immunofluorescence)
Immunofluorescence (IFC) analysis of PC3 cells using AAA14697 (1:100). The secondary antibody (green) was used Alexa Fluor 488. DAPI was stained the cell nucleus (blue).



WB (Western Blot)
Western Blot analysis of cell lysates (40ug) were resolved by SDS-PAGE, trasferred to PVDF membrane using AAA14697 (1:500). Proteins were visualized using a goat anti-mouse secondary antibody conjugated to HRPLane 1: Jurkat cell lysateLane 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 50kD. 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	Antibodies; Abs to Enzymes; Ribonuclease

NCBI AND UNIPROT INFORMATION

NCBI GI #	42822874
NCBI GeneID	6050
NCBI Accession #	NP_002930
NCBI GenBank Nucleotide #	NM_203385.1
UniProt Accession #	P13489; Q8IZK8; Q96FD7; Q9BQ80; Q9UDK6
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; MGC4569; MGC18200; MGC54054
NCBI Protein Information	ribonuclease inhibitor; OTTHUMP00000147628; OTTHUMP00000229864; OTTHUMP00000229865; OTTHUMP00000229866; OTTHUMP00000229870; OTTHUMP00000229871; OTTHUMP00000229872; placental RNase inhibitor; Placental ribonuclease inhibitor
UniProt Protein Name	Ribonuclease inhibitor
UniProt Gene Name	**RNH1**
UniProt Synonym Gene Names	PRI; RNH
UniProt Entry Name	RINI_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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