

RNH1 monoclonal antibody, clone AT1H23

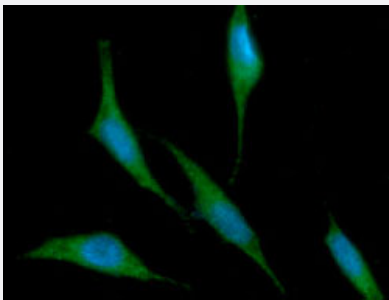
Catalog # MAB6508 Size 100 uL

Applications



Western Blot (Cell lysate)

Western blot analysis of Lane 1: Jurkat cell lysate, Lane 2: HepG2 cell lysate.



Immunofluorescence

Immunofluorescence analysis of PC3 cells. The cell was stained with RNH1 monoclonal antibody, clone AT1H23 (1:100). The secondary antibody (green) was used Alexa Fluor 488. DAPI was stained the cell nucleus (blue).

Specification

Product Description	Mouse monoclonal antibody raised against partial recombinant RNH1.
Immunogen	Recombinant protein corresponding to amino acids 7-461 of human RNH1.
Host	Mouse
Reactivity	Human, Mouse
Form	Liquid
Purification	Protein G purification
Isotype	IgG2a, kappa

Recommend Usage	ELISA Flow Cytometry Immunohistochemistry Immunocytochemistry Immunofluorescence Western Blot The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.4 (10% glycerol, 0.02% sodium azide).
Storage Instruction	Store at 2°C to 8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western blot analysis of Lane 1: Jurkat cell lysate, Lane 2: HepG2 cell lysate.

- Immunocytochemistry

- Immunofluorescence

Immunofluorescence analysis of PC3 cells. The cell was stained with RNH1 monoclonal antibody, clone AT1H23 (1:100). The secondary antibody (green) was used Alexa Fluor 488. DAPI was stained the cell nucleus (blue).

- Enzyme-linked Immunoabsorbent Assay

Gene Info — RNH1

Entrez GeneID	6050
Protein Accession#	NP_002930
Gene Name	RNH1
Gene Alias	MGC18200, MGC4569, MGC54054, RAI, RNH
Gene Description	ribonuclease/angiogenin inhibitor 1
Omim ID	173320
Gene Ontology	Hyperlink

Other Designations

OTTHUMP00000147628|Placental ribonuclease inhibitor|ribonuclease/angiogenin inhibitor

Publication Reference

- [Functional expression of recombinant human ribonuclease/angiogenin inhibitor in stably transformed *Drosophila melanogaster* S2 cells.](#)

Park JH, Hwang IS, Kim KI, Lee JM, Park YM, Park CH, Chung IS.

Cytotechnology 2008 May; 57(1):93.

- [Inhibition of human pancreatic ribonuclease by the human ribonuclease inhibitor protein.](#)

Johnson RJ, McCoy JG, Bingman CA, Phillips GN Jr, Raines RT.

Journal of Molecular Biology 2007 Apr; 368(2):434.

- [Anti-tumor effect of hematopoietic cells carrying the gene of ribonuclease inhibitor.](#)

Fu P, Chen J, Tian Y, Watkins T, Cui X, Zhao B.

Cancer Gene Therapy 2005 Mar; 12(3):268.

Application: IF, WB-Ti, Mouse, Bone marrow, Spleen, Liver

Disease

- [Carcinoma](#)
- [Skin Neoplasms](#)