

For Research Use Only

# RNASEH2A Monoclonal antibody

Catalog Number: 67976-1-Ig



## Basic Information

<b>Catalog Number:</b> 67976-1-Ig	<b>GenBank Accession Number:</b> BC011748	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 150ul , Concentration: 1000 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 10535	<b>CloneNo.:</b> 1A2E8
<b>Source:</b> Mouse	<b>Full Name:</b> ribonuclease H2, subunit A	<b>Recommended Dilutions:</b> WB 1:2000-1:10000
<b>Isotype:</b> IgG2a	<b>Calculated MW:</b> 299 aa, 33 kDa	
<b>Immunogen Catalog Number:</b> AG9256		

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : LNCaP cells, HeLa cells, MCF-7 cells, HEK-293 cells, Jurkat cells, K-562 cells
<b>Species Specificity:</b> Human	

## Background Information

RNASEH2A(Ribonuclease H2 subunit A) is also named as RNASEHI, RNHIA and belongs to the RNase HII family and Eukaryotic subfamily. It is involved in the removal of the initiator RNA primers of Okazaki fragments, an essential step during chromosomal DNA replication of the lagging strand(PMID:9482870). It is an endonuclease that specifically degrades the RNA of RNA:DNA hybrids. Defects in RNASEH2A are the cause of Aicardi-Goutieres syndrome type 4 (AGS4).

## Storage

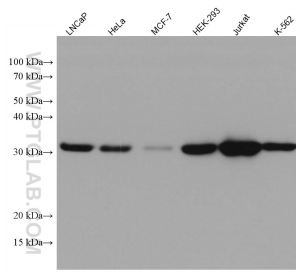
**Storage:**  
Store at -20°C.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 67976-1-Ig (RNASEH2A antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.