

For Research Use Only

RNASEH2A Monoclonal antibody, PBS Only

Catalog Number: 67976-1-PBS



Basic Information

Catalog Number: 67976-1-PBS	GenBank Accession Number: BC011748	Purification Method: Protein A purification
Size: 100ug, Concentration: 1mg/ml by Nanodrop;	GeneID (NCBI): 10535	CloneNo.: 1A2E8
Source: Mouse	UNIPROT ID: O75792	
Isotype: IgG2a	Full Name: ribonuclease H2, subunit A	
Immunogen Catalog Number: AG9256	Calculated MW: 299 aa, 33 kDa	

Applications

Tested Applications:
WB, IHC, Indirect ELISA

Species Specificity:
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 -80°C.

Storage Buffer:
PBS Only

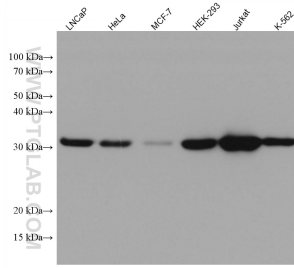
For technical support and original validation data for this product please contact:

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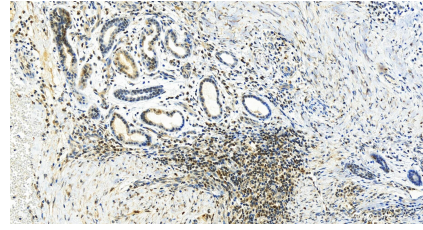
E: proteintech@ptglab.com
W: ptglab.com

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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. This data was developed using the same antibody clone with 67976-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded skin cancer slide using 67976-1-Ig (RNASEH2A antibody) at dilution of 1:1000 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 67976-1-PBS in a different storage buffer formulation.