

For Research Use Only

DHX32 Monoclonal antibody, PBS Only



Catalog Number: 68306-1-PBS

Featured Product

Basic Information

Catalog Number:

68306-1-PBS

Size:

100ug, Concentration: 1mg/ml by Nanodrop;

Source:

Mouse

Isotype:

IgG2b

Immunogen Catalog Number:

AG13956

GenBank Accession Number:

BC002473

GeneID (NCBI):

55760

UNIPROT ID:

Q7L7V1

Full Name:

DEAH (Asp-Glu-Ala-His) box polypeptide 32

Calculated MW:

743 aa, 84 kDa

Observed MW:

84 kDa

Purification Method:

Protein A purification

CloneNo.:

2A4G9

Applications

Tested Applications:

WB, Indirect ELISA

Species Specificity:

Human, Mouse, Rat

Background Information

DHX32, an RNA helicase, belongs to the DEAH box RNA helicase family by virtue of its homology to the conserved helicase domain. DHX32 is abundantly expressed in human and murine models, participating in cell transcription and differentiation, and being capable of regulating T-cell apoptosis. DHX32 is also associated with some malignant tumors, such as lymphoma, colorectal cancer, and breast cancer (PMID: 35117530). DHX32 has 2 isoforms with molecular weights of 75 and 84 kDa, respectively.

Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS Only

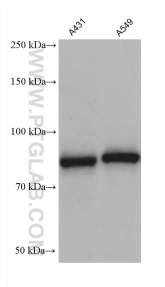
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

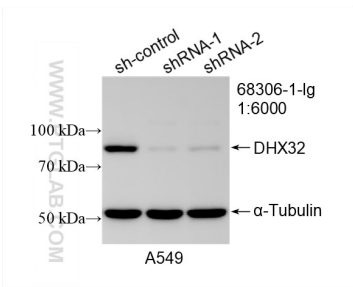
E: proteintech@ptglab.com
W: ptglab.com

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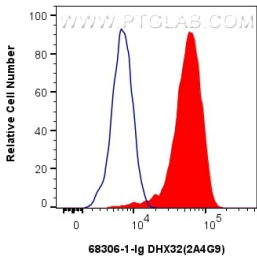
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 68306-1-Ig (DHX32 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 68306-1-PBS in a different storage buffer formulation.



WB result of DHX32 antibody (68306-1-Ig; 1:6000; incubated at room temperature for 1.5 hours) with sh-Control and sh-DHX32 transfected A549 cells. This data was developed using the same antibody clone with 68306-1-PBS in a different storage buffer formulation.



1x10⁶ HeLa cells were intracellularly stained with 0.8 ug DHX32 Monoclonal antibody (68306-1-Ig, Clone:2A4G9) and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) (SA00013-1)(red), or 0.8 ug Mouse IgG2b isotype control Mouse McAb (66360-3-Ig, Clone: 11B8C4) (blue). Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011). This data was developed using the same antibody clone with 68306-1-PBS in a different storage buffer