

For Research Use Only

# ANP32B Monoclonal antibody, PBS Only



Catalog Number: 66160-1-PBS

Featured Product

## Basic Information

Catalog Number:

66160-1-PBS

Size:

1 mg/ml

Source:

Mouse

Isotype:

IgG2b

Immunogen Catalog Number:

AG1274

GenBank Accession Number:

BC013003

GeneID (NCBI):

10541

UNIPROT ID:

Q92688

Full Name:

acidic (leucine-rich) nuclear phosphoprotein 32 family, member B

Calculated MW:

29 kDa

Observed MW:

29 kDa

Purification Method:

Protein A purification

CloneNo.:

5A1F12

## Applications

Tested Applications:

WB, Indirect ELISA, IF

Species Specificity:

human, mouse, rat

## Background Information

ANP32B is a member of the highly conserved acidic leucine-rich nuclear phosphoprotein 32 (ANP32) family. The ANP32 proteins have been implicated in a broad array of physiological processes, including cell differentiation, apoptotic cell death, and cell proliferation. ANP32B was identified as a novel direct substrate for caspase-3 and acted as a negative regulator for leukemic cell apoptosis. ANP32B controls the expression of the dendritic cell maturation factor CD83 by regulating the transport of its mRNA to the cytoplasm. It also modulates the activity of the transcription factor Kruppel-like factor 5 (KLF5).

## Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS Only

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

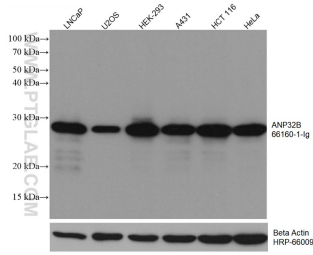
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E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

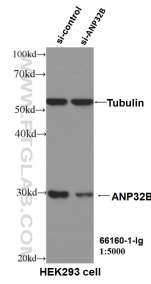
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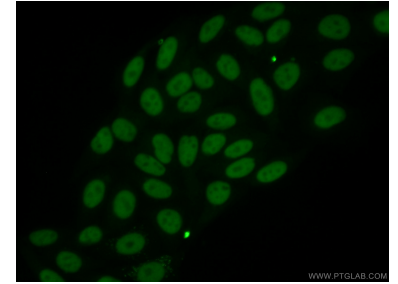
## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 66160-1-Ig (ANP32B antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated Beta Actin Monoclonal antibody (HRP-66009) as loading control. This data was developed using the same antibody clone with 66160-1-PBS in a different storage buffer formulation.



WB result of ANP32B antibody (66160-1-Ig, 1:5000) with si-control and si-ANP32B transfected HEK293 cells. This data was developed using the same antibody clone with 66160-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of HepG2 cells using 66160-1-Ig (ANP32B antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Mouse IgG (H+L). This data was developed using the same antibody clone with 66160-1-PBS in a different storage buffer formulation.