

For Research Use Only

# CoraLite® Plus 488-conjugated ANP32A Monoclonal antibody

Catalog Number:CL488-67687



## Basic Information

Catalog Number:

CL488-67687

Size:

1000 µg/ml

Source:

Mouse

Isotype:

IgG2a

Immunogen Catalog Number:

AG8546

GenBank Accession Number:

BC007200

GeneID (NCBI):

8125

UNIPROT ID:

P39687

Full Name:

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

Calculated MW:

249 aa, 29 kDa

Observed MW:

29 kDa

Purification Method:

Protein A purification

CloneNo.:

2D8C5

Recommended Dilutions:

WB 1:500-1:2000

IF/ICC 1:300-1:1200

Excitation/Emission maxima wavelengths:

493 nm / 522 nm

## Applications

Tested Applications:

WB, IF/ICC

Species Specificity:

human

Positive Controls:

WB : HeLa cells, Jurkat cells, Raji cells

IF/ICC : A431 cells,

## Background Information

ANP32A, an acidic leucine-rich nuclear phosphoprotein, is a member of the inhibitor of the histone acetyltransferase (INHAT) complex and preferentially binds to unmodified histone H3 tails in vitro. ANP32A is expressed in normal tissues as well as in pancreatic, breast and prostate cancer and other malignant tumors. ANP32A plays an important role in cell proliferation, apoptosis, transcriptional regulation, signal transduction and other processes.

## Storage

Storage:

Store at -20°C. Avoid exposure to light. Stable for one year after shipment.

Storage Buffer:

PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.

Aliquoting is unnecessary for -20°C storage

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

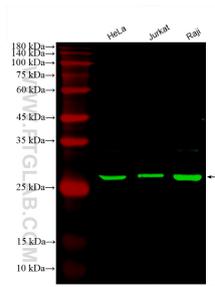
T: 4006900926

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

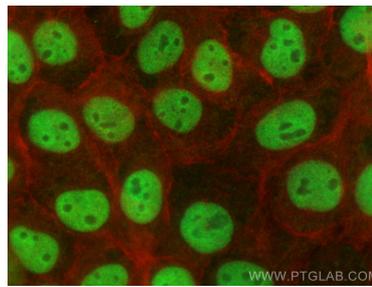
W: [ptgcn.com](http://ptgcn.com)

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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with CL488-67687 (ANP32A antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed A431 cells using CoraLite® Plus 488 ANP32A antibody (CL488-67687, Clone: 2D8C5) at dilution of 1:600, CL594-Phalloidin (red).