

For Research Use Only

# CoraLite®594-conjugated ANP32A Monoclonal antibody

Catalog Number:CL594-67687



## Basic Information

<b>Catalog Number:</b> CL594-67687	<b>GenBank Accession Number:</b> BC007200	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ul , Concentration: 1000 ug/ml by Nanodrop;	<b>GeneID (NCBI):</b> 8125	<b>CloneNo.:</b> 2D8C5
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> P39687	<b>Recommended Dilutions:</b> WB 1:500-1:2000 IF/ICC 1:50-1:500
<b>Isotype:</b> IgG2a	<b>Full Name:</b> acidic (leucine-rich) nuclear phosphoprotein 32 family, member A	<b>Excitation/Emission maximum wavelengths:</b> 588 nm / 604 nm
<b>Immunogen Catalog Number:</b> AG8546	<b>Calculated MW:</b> 249 aa, 29 kDa	
	<b>Observed MW:</b> 29 kDa	

## Applications

<b>Tested Applications:</b> WB, IF/ICC	<b>Positive Controls:</b>
<b>Species Specificity:</b> human, mouse, rat	<b>WB :</b> Jurkat cells, Raji cells, HeLa cells <b>IF/ICC :</b> 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.

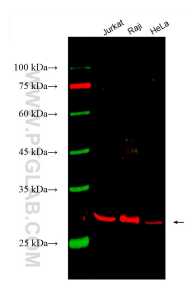
## Storage

**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**

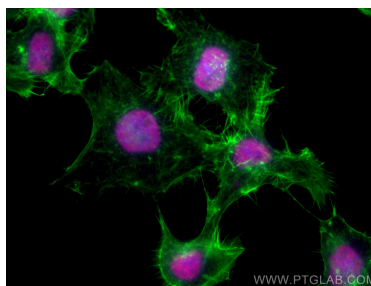
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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## Selected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



Various lysates were subjected to SDS PAGE followed by western blot with CL594-67687 (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®594 ANP32A antibody (CL594-67687, Clone: 2D8C5 ) at dilution of 1:200, CL488-Phalloidin (green).