

For Research Use Only

CoraLite® Plus 488-conjugated ANP32A Monoclonal antibody

Catalog Number:CL488-67687



Basic Information

Catalog Number: CL488-67687	GenBank Accession Number: BC007200	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 ug/ml by Nanodrop;	GeneID (NCBI): 8125	CloneNo.: 2D8C5
Source: Mouse	UNIPROT ID: P39687	Recommended Dilutions: WB 1:500-1:2000 IF/ICC 1:300-1:1200
Isotype: IgG2a	Full Name: acidic (leucine-rich) nuclear phosphoprotein 32 family, member A	Excitation/Emission maximum wavelengths: 493 nm / 522 nm
Immunogen Catalog Number: AG8546	Calculated MW: 249 aa, 29 kDa	
	Observed MW: 29 kDa	

Applications

Tested Applications: WB, IF/ICC	Positive Controls:
Species Specificity: human	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.

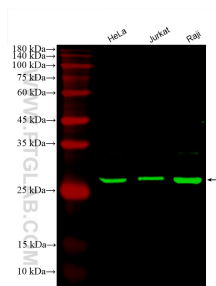
Storage

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

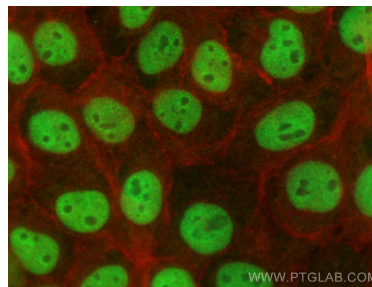
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

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).