

CoraLite® Plus 488-conjugated ANP32B Monoclonal antibody

Catalog Number: **CL488-66160**

Basic Information

Catalog Number: CL488-66160	GenBank Accession Number: BC013003	Purification Method: Protein A purification
Size: 1000 µg/ml	GeneID (NCBI): 10541	CloneNo.: 5A1F12
Source: Mouse	UNIPROT ID: Q92688	Recommended Dilutions: IF 1:50-1:500
Isotype: IgG2b	Full Name: acidic (leucine-rich) nuclear phosphoprotein 32 family, member B	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Immunogen Catalog Number: AG1274	Calculated MW: 29 kDa	

Applications

Tested Applications: IF/ICC	Positive Controls: IF : HepG2 cells,
Species Specificity: human, mouse, rat	

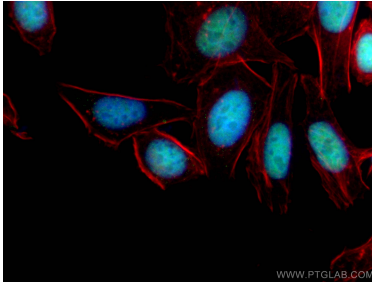
Background Information

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 -20°C. Avoid exposure to light.
Storage Buffer:
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.
Aliquoting is unnecessary for -20°C storage

Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using CoraLite® Plus 488 ANP32B antibody (CL488-66160, Clone: 5A1F12) at dilution of 1:100.