

For Research Use Only

CoraLite® Plus 488-conjugated KPNA3 Monoclonal antibody

Catalog Number: CL488-67892



Basic Information

Catalog Number: CL488-67892	GenBank Accession Number: BC017355	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 ug/ml by Nanodrop;	GeneID (NCBI): 3839	CloneNo.: 1D3D2
Source: Mouse	UNIPROT ID: O00505	Recommended Dilutions: IF/ICC 1:50-1:500
Isotype: IgG2a	Full Name: karyopherin alpha 3 (importin alpha 4)	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Immunogen Catalog Number: AG27767	Calculated MW: 58 kDa	
	Observed MW: 58 kDa	

Applications

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

Background Information

karyopherin subunit alpha 3 (KPNA3) is a member of the importin alpha family which can transport molecules between the nucleus and cytoplasm. It is ubiquitous expressed in brain, testis and esophagus. KPNA3 is associated with many severe diseases such as hepatocellular Carcinoma (PMID: 31417635), schizophrenia, major depression and opiate dependence (PMID: 22960338). The molecular weight of KPNA3 is about 58 kDa.

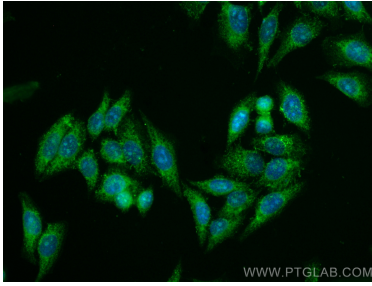
Storage

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

Selected Validation Data



Immunofluorescent analysis of (-20°C Methanol) fixed HepG2 cells using CoraLite® Plus 488 KPNA3 antibody (CL488-67892, Clone: 1D3D2) at dilution of 1:200.