

For Research Use Only

CoraLite® Plus 488-conjugated KPNA2 Monoclonal antibody



Catalog Number:CL488-66870

Basic Information

Catalog Number: CL488-66870	GenBank Accession Number: BC005978	Purification Method: Protein G purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 3838	CloneNo.: 2G9C1
Source: Mouse	Full Name: karyopherin alpha 2 (RAG cohort 1, importin alpha 1)	Recommended Dilutions: IF 1:50-1:500
Isotype: IgG1	Calculated MW: 57.8 kDa	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Immunogen Catalog Number: AG28386	Observed MW: 55-58 kDa	

Applications

Tested Applications: FC (Intra), IF	Positive Controls: IF : MCF-7 cells,
Species Specificity: Human	

Background Information

KPNA2 (karyopherin α2) is a nuclear import factor involved in the nucleocytoplasmic transport system. It is functionally involved in the tumor progression and is elevated in multiple cancers. KPNA2 expression may be a useful prognostic biomarker to monitor cancer prognosis.

Storage

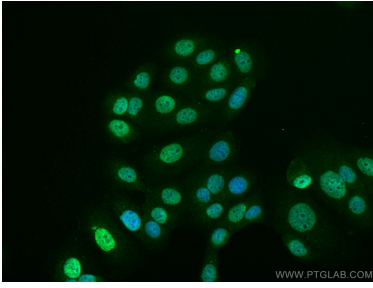
Storage:
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

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



Immunofluorescent analysis of (4% PFA) fixed MCF-7 cells using CoraLite® Plus 488 KPNA2 antibody (CL488-66870, Clone: 2G9C1) at dilution of 1:200.



1X10⁶ HEK-293T cells were intracellularly stained with 0.4 ug CoraLite® Plus 488 Anti-Human KPNA2 (CL488-66870, Clone:2G9C1) (red), or 0.4 ug Isotype Control. Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).