

For Research Use Only

CoraLite® Plus 488-conjugated Importin Alpha 5 Monoclonal antibody

Catalog Number: CL488-67897

Featured Product



Basic Information

Catalog Number:

CL488-67897

Size:

100ul , Concentration: 1000 ug/ml by Nanodrop;

Source:

Mouse

Isotype:

IgG2a

Immunogen Catalog Number:

AG12751

GenBank Accession Number:

BC002374

GeneID (NCBI):

3836

UNIPROT ID:

P52294

Full Name:

karyopherin alpha 1 (importin alpha 5)

Calculated MW:

60 kDa

Observed MW:

60-62 kDa

Purification Method:

Protein A purification

CloneNo.:

2A7G7

Excitation/Emission maxima wavelengths:

493 nm / 522 nm

Applications

Tested Applications:

FC (Intra)

Species Specificity:

Human, mouse, rat

Background Information

Importins (alpha and beta) are transport factors that transport proteins into the nucleus. alpha importins function by binding transcription factors at nuclear localization sequences (NLS), and associating with importin beta subunits to translocate through the nuclear pore. Six isoforms of alpha importins have been described in human. Importin alpha 5 is the predominant importin in adult CNS and is essential for differentiation and viability of neural cells.

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:

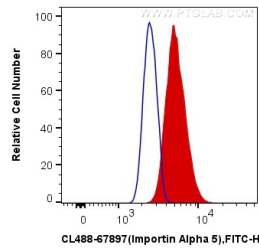
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

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



1X10⁶ MCF-7 cells were intracellularly stained with 0.4 ug CoraLite® Plus 488 Anti-Human Importin Alpha 5 (CL488-67897, Clone:2A7G7) (red), or 0.4 ug Mouse IgG2a Isotype Control (CL488-66360-2, Clone: K11A1B2A2) (blue). Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).