

For Research Use Only

CoraLite® Plus 488-conjugated CRM1 Monoclonal antibody



Catalog Number: CL488-66763

Basic Information

Catalog Number: CL488-66763	GenBank Accession Number: BC032847	Purification Method: Protein G purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 7514	CloneNo.: 2D3B6
Source: Mouse	Full Name: exportin 1 (CRM1 homolog, yeast)	Recommended Dilutions: WB 1:500-1:2000
Isotype: IgG1	Calculated MW: 1071 aa, 123 kDa	Excitation/Emission maximum wavelengths: 493 nm / 522 nm
Immunogen Catalog Number: AG27337	Observed MW: 100-110 kDa	

Applications

Tested Applications: WB	Positive Controls: WB : HeLa cells,
Species Specificity: Human, Mouse, Rat	

Background Information

CRM1 (chromosome region maintenance 1, also known as exportin-1 or XPO1), a member of the karyopherin β family of transport receptors, is an important nuclear export receptor recognizing proteins bearing a leucine-rich nuclear export signal (PMID: 9323133). CRM1 is the major receptor for the export of proteins out of the nucleus and is also required for transport of many RNAs (PMID: 17317185). In addition to nuclear export, CRM1 also plays a role in centrosome duplication and spindle assembly (PMID: 22773955). Elevated CRM1 expression has been reported in several cancers, which implicates CRM1 as a potential anti-cancer drug target (PMID: 22677130; 21683812).

Storage

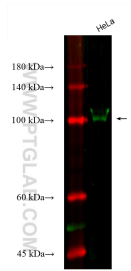
Storage:
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 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



HeLa cells were subjected to SDS PAGE followed by western blot with CL488-66763 (CRM1 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.