## For Research Use Only

## CoraLite® Plus 488-conjugated EIF2A/CDA02 Monoclonal antibody

Catalog Number:CL488-66482 Featured Product

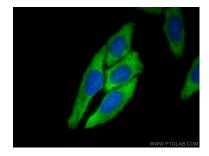


Basic Information	Catalog Number: CL488-66482	GenBank Accession Number: BC011885	Purification Method: Protein G purification
	Size: 100ul , Concentration: 1000 ug/ml by	GenelD (NCBI): 83939	CloneNo.: 1G7H4
	Nanodrop; Source:	UNIPROT ID: Q9BY44	Recommended Dilutions: IF/ICC 1:50-1:500
	Mouse Isotype:	Full Name: eukaryotic translation initiation	Excitation/Emission maxima wavelengths:
	IgG1 Immunogen Catalog Number: AG22041	factor 2A, 65kDa Calculated MW: 65 kDa	493 nm / 522 nm
		Observed MW: 65 kDa	
Applications	Tested Applications: IF/ICC	Positive Controls: IF/ICC : HepG2 cells,	
	Species Specificity: Human, mouse, rat		
Background Information	EIF2A, also named as CDA02, MSTP004 and MSTP089, belongs to the WD repeat EIF2A family. It functions in the early steps of protein synthesis of a small number of specific mRNAs. EIF2A, an alternative initiator tRNA-binding protein, has a key role in the translation of HCV mRNA during HCV infection, in turn promoting eIF2a phosphorylation by activating the eIF2a kinase PKR.		
Storage	Storage: Store at -20°C. Avoid exposure to ligh Storage Buffer: PBS with 50% Glycerol, 0.05% Proclin Aliquoting is unnecessary for -20°C s	n300, 0.5% BSA, pH 7.3.	<u>.</u>

For technical support and original validation data for this product please contact: T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free E: proteintech@ptglab.com in USA), or 1(312) 455-8498 (outside USA) 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 (-20°C Methanol) fixed HepG2 cells using Coralite® Plus 488 EIF2A/CDA02 antibody (CL488-66482, Clone: 1G7H4) at dilution of 1:200.