

For Research Use Only

# CoraLite® Plus 488-conjugated EIF1 Monoclonal antibody

Catalog Number: CL488-67601



## Basic Information

<b>Catalog Number:</b> CL488-67601	<b>GenBank Accession Number:</b> BC005118	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ul , Concentration: 1000 ug/ml by Nanodrop;	<b>GeneID (NCBI):</b> 10209	<b>CloneNo.:</b> 2G8C6
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> P41567	<b>Recommended Dilutions:</b> IF/ICC 1:50-1:500
<b>Isotype:</b> IgG2b	<b>Full Name:</b> eukaryotic translation initiation factor 1	<b>Excitation/Emission maxima wavelengths:</b> 493 nm / 522 nm
<b>Immunogen Catalog Number:</b> AG7843	<b>Calculated MW:</b> 13 kDa	
	<b>Observed MW:</b> 13 kDa	

## Applications

<b>Tested Applications:</b> IF/ICC	<b>Positive Controls:</b> IF/ICC : MCF-7 cells,
<b>Species Specificity:</b> Human	

## Background Information

It is a necessary for scanning and involved in initiation site selection. Promotes the assembly of 48S ribosomal complexes at the authentic initiation codon of a conventional capped mRNA. Molecular weight is 13kd.

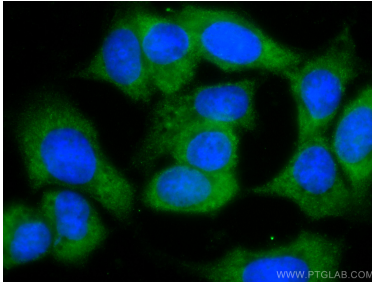
## Storage

**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](mailto:proteintech@ptglab.com)  
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## Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed MCF-7 cells using CoraLite® Plus 488 EIF1 antibody (CL488-67601, Clone: 2G8C6 ) at dilution of 1:200.