

For Research Use Only

# CoraLite® Plus 488-conjugated EIF5 Polyclonal antibody

Catalog Number:CL488-11155



## Basic Information

<b>Catalog Number:</b> CL488-11155	<b>GenBank Accession Number:</b> BC032866	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 100ul , Concentration: 1000 ug/ml by Nanodrop;	<b>GeneID (NCBI):</b> 1983	<b>Recommended Dilutions:</b> IF/ICC 1:50-1:500
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> P55010	<b>Excitation/Emission maxima wavelengths:</b> 493 nm / 522 nm
<b>Isotype:</b> IgG	<b>Full Name:</b> eukaryotic translation initiation factor 5	
<b>Immunogen Catalog Number:</b> AG1629	<b>Calculated MW:</b> 49 kDa	
	<b>Observed MW:</b> 50 kDa	

## Applications

<b>Tested Applications:</b> IF/ICC	<b>Positive Controls:</b> IF/ICC : HeLa cells,
<b>Species Specificity:</b> human, mouse, rat	

## Background Information

Eukaryotic translation initiation factor 5, also named as EIF5, is a 431 amino acid protein, which contains one W2 domain and belongs to the eIF-2-beta/eIF-5 family. EIF5 catalyzes the hydrolysis of GTP bound to the 40S ribosomal initiation complex with the subsequent joining of a 60S ribosomal subunit resulting in the release of eIF-2 and the guanine nucleotide. EIF5 plays multiple roles in translation initiation.

## Storage

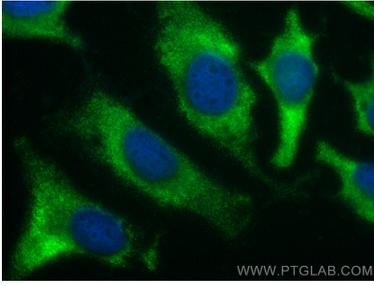
**Storage:**  
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.  
Aliquoting is unnecessary for -20°C storage

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

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## Selected Validation Data



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using CoraLite® Plus 488 EIF5 antibody (CL488-11155) at dilution of 1:200.