

For Research Use Only

CoraLite® Plus 488-conjugated EIF5 Polyclonal antibody



Catalog Number: CL488-11155

Basic Information

Catalog Number:

CL488-11155

Size:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG1629

GenBank Accession Number:

BC032866

GeneID (NCBI):

1983

UNIPROT ID:

P55010

Full Name:

eukaryotic translation initiation

factor 5

Calculated MW:

49 kDa

Observed MW:

50 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

IF/ICC 1:50-1:500

Excitation/Emission maxima

wavelengths:

493 nm / 522 nm

Applications

Tested Applications:

IF/ICC

Species Specificity:

human, mouse, rat

Positive Controls:

IF/ICC : HeLa cells,

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:

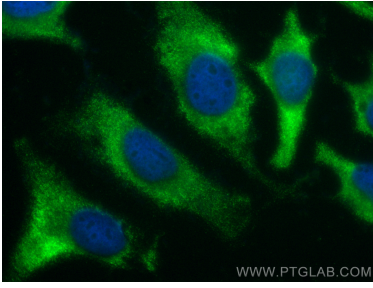
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



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