

For Research Use Only

CoraLite® Plus 488-conjugated EIF5A2 Monoclonal antibody

Catalog Number: CL488-67907



Basic Information

Catalog Number:

CL488-67907

Concentration:

1000 µg/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG10852

GenBank Accession Number:

BC036072

GeneID (NCBI):

56648

UNIPROT ID:

Q9GZV4

Full Name:

eukaryotic translation initiation factor 5A2

Calculated MW:

153 aa, 17 kDa

Observed MW:

20 kDa

Purification Method:

Protein G purification

CloneNo.:

1F9B2

Recommended Dilutions:

IF/ICC: 1:50-1:500

FC (Intra): 0.40 µg per 10⁶ cells in a 100 µl suspension

Excitation/Emission maxima wavelengths:

493 nm / 522 nm

Applications

Tested Applications:

IF/ICC, FC (Intra)

Species Specificity:

human, rat

Positive Controls:

IF/ICC : HepG2 cells,

FC (Intra) : HepG2 cells,

Background Information

Eukaryotic translation initiation factor 5A (EIF5A), a conserved lysine to hypusine, is strictly indispensable for the survival of eukaryotic cells. There are two EIF5A isoforms in humans: EIF5A1 and EIF5A2. EIF5A2 has been reported to be overexpressed in gallbladder cancer, upper urinary tract urothelial carcinoma, gastric cancer, prostate cancer, nasopharyngeal carcinoma, and cervical cancer. EIF5A2 upregulation in cancer tissues is associated with poor prognosis in these patients.

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, pH7.3

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

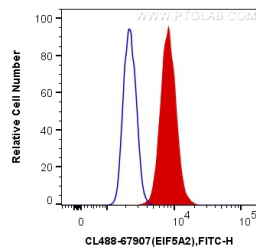
T: 4006900926

E: Proteintech-CN@ptglab.com

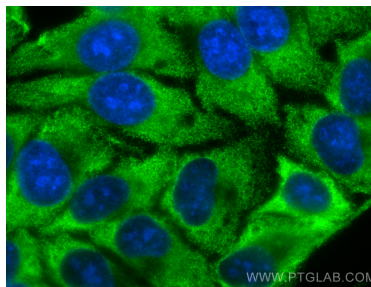
W: ptgcn.com

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Selected Validation Data



1X10⁶ HepG2 cells were intracellularly stained with 0.4 ug CoraLite® Plus 488 Anti-Human EIF5A2 (CL488-67907, Clone:1F9B2) (red), or 0.4 ug Control Antibody. Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).



Immunofluorescent analysis of (-20°C Methanol) fixed HepG2 cells using CoraLite® Plus 488 EIF5A2 antibody (CL488-67907, Clone: 1F9B2) at dilution of 1:200.