

For Research Use Only

CoraLite® Plus 488-conjugated EIF5A2 Monoclonal antibody



Catalog Number: **CL488-67907**

Basic Information

| | | |
|--|---|---|
| Catalog Number: CL488-67907 | GenBank Accession Number: BC036072 | Purification Method: Protein G purification |
| Size: 100ul , Concentration: 1000 µg/ml by Nanodrop; | GeneID (NCBI): 56648 | CloneNo.: 1F9B2 |
| Source: Mouse | Full Name: eukaryotic translation initiation factor 5A2 | Recommended Dilutions: IF 1:50-1:500 |
| Isotype: IgG1 | Calculated MW: 153 aa, 17 kDa | |
| Immunogen Catalog Number: AG10852 | Observed MW: 20 kDa | |

Applications

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| Tested Applications: FC (Intra), IF | Positive Controls: IF : HepG2 cells, |
| Species Specificity: Human, rat | |

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

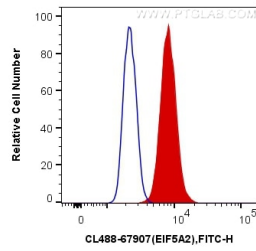
Storage:
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

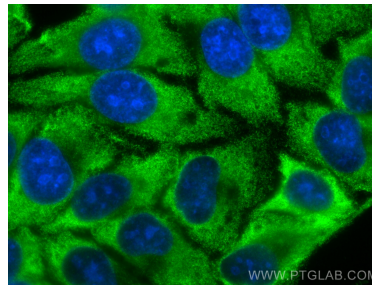
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

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.