

For Research Use Only

# CoraLite® Plus 488-conjugated EIF2A/CDA02 Monoclonal antibody



Catalog Number: CL488-66482

Featured Product

## Basic Information

Catalog Number:

CL488-66482

Size:

1000 µg/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG22041

GenBank Accession Number:

BC011885

GeneID (NCBI):

83939

UNIPROT ID:

Q9BY44

Full Name:

eukaryotic translation initiation  
factor 2A, 65kDa

Calculated MW:

65 kDa

Observed MW:

65 kDa

Purification Method:

Protein G purification

CloneNo.:

1G7H4

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 : HepG2 cells,

## Background Information

EIF2A, also named as CDA02, MSTP004 and MSTP089, belongs to the WD repeat EIF2A family. It functions in the early steps of protein synthesis of a small number of specific mRNAs. EIF2A, an alternative initiator tRNA-binding protein, has a key role in the translation of HCV mRNA during HCV infection, in turn promoting eIF2a phosphorylation by activating the eIF2a kinase PKR.

## 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: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

W: [ptgcn.com](http://ptgcn.com)

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 Methanol)  
fixed HepG2 cells using CoraLite® Plus 488  
EIF2A/CDA02 antibody (CL488-66482, Clone:  
1G7H4 ) at dilution of 1:200.