For Research Use Only

CoraLite® Plus 488-conjugated EIF2A/CDA02 Monoclonal antibody



Purification Method:

Protein G purification

Recommended Dilutions:

Excitation/Emission maxima

IF/ICC 1:50-1:500

493 nm / 522 nm

wavelengths:

CloneNo.:

1G7H4

Catalog Number: CL488-66482

Featured Product

Basic Information

Catalog Number: CL488-66482

1000 µg/ml Source: Mouse Isotype: lgG1

Immunogen Catalog Number:

AG22041

Tested Applications:

Species Specificity: Human, mouse, rat

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

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

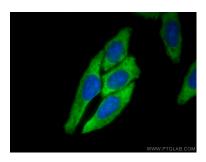
Applications

Store at -20°C. Avoid exposure to light. Stable for one year after shipment.

PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.

Aliquoting is unnecessary for -20°C storage

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.