For Research Use Only

CoraLite® Plus 488-conjugated EIF2A/CDA02 Monoclonal antibody



Purification Method:

CloneNo.:

1G7H4

Protein G purification

Recommended Dilutions:

Excitation/Emission maxima

IF/ICC 1:50-1:500

493 nm / 522 nm

wavelengths:

Catalog Number: CL488-66482

Featured Product

Basic Information

Catalog Number: GenBank Accession Number:

CL488-66482 BC011885

GeneID (NCBI): 100ul, Concentration: 1000 ug/ml by 83939

Nanodrop: **UNIPROT ID:** Q9BY44

Mouse Full Name:

Isotype: eukaryotic translation initiation factor 2A, 65kDa

lgG1 Immunogen Catalog Number: Calculated MW:

65 kDa AG22041 Observed MW:

65 kDa

Applications

Tested Applications:

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.

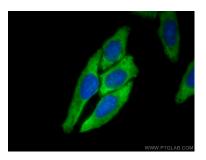
Storage

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.