

For Research Use Only

CoraLite® Plus 488-conjugated HIGD1A Monoclonal antibody



Catalog Number: **CL488-68231**

Basic Information

Catalog Number:

CL488-68231

Size:

1000 µg/ml

Source:

Mouse

Isotype:

IgG2b

Immunogen Catalog Number:

AG14027

GenBank Accession Number:

BC000601

GeneID (NCBI):

25994

UNIPROT ID:

Q9Y241

Full Name:

HIG1 hypoxia inducible domain
family, member 1A

Calculated MW:

93 aa, 10 kDa

Observed MW:

10 kDa

Purification Method:

Protein A purification

CloneNo.:

3A8E2

Recommended Dilutions:

IF 1:200-1:800

Excitation/Emission maxima
wavelengths:

493 nm / 522 nm

Applications

Tested Applications:

IF/ICC

Species Specificity:

Human

Positive Controls:

IF : U2OS cells,

Background Information

HIG1 domain family member 1A (HIGD1A) is a proposed subunit of cytochrome c oxidase (COX, complex IV), which is the terminal component of the mitochondrial respiratory chain that catalyzes the reduction of oxygen to water. May play a role in the assembly of respiratory supercomplexes (PMID:22342701). It is induced by hypoxia induction.

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:

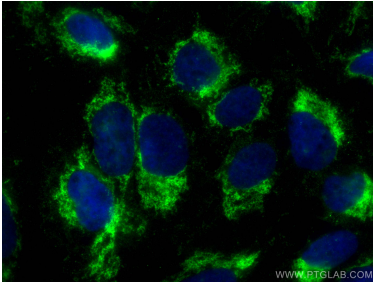
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed U2OS cells using CoraLite® Plus 488 HIGD1A antibody (CL488-68231, Clone: 3A8E2) at dilution of 1:400.