

For Research Use Only

CoraLite® Plus 488-conjugated OGDH Monoclonal antibody

Catalog Number: CL488-66285



Basic Information

Catalog Number:

CL488-66285

Size:

1000 ug/ml

Source:

Mouse

Isotype:

IgG2b

Immunogen Catalog Number:

AG7484

GenBank Accession Number:

BC004964

GeneID (NCBI):

4967

UNIPROT ID:

Q02218

Full Name:

oxoglutarate (alpha-ketoglutarate)
dehydrogenase (lipoamide)

Calculated MW:

116 kDa

Observed MW:

116 kDa

Purification Method:

Protein A purification

CloneNo.:

1H7A2

Recommended Dilutions:

IF/ICC 1:50-1:500

Excitation/Emission maxima
wavelengths:

493 nm / 522 nm

Applications

Tested Applications:

IF/ICC

Species Specificity:

human, rat

Positive Controls:

IF/ICC : HepG2 cells, L02 cells

Background Information

OGDH(2-oxoglutarate dehydrogenase, mitochondrial) is also named as OGDC-E1 and belongs to the alpha-ketoglutarate dehydrogenase family. It is one of the three enzymatic components of 2-oxoglutarate dehydrogenase complex, which catalyzes the overall conversion of 2-oxoglutarate to succinyl-CoA and CO₂. This protein has 3 isoforms produced by alternative splicing.

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:

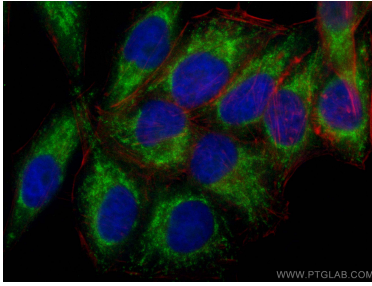
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using CoraLite® Plus 488 OGDH antibody (CL488-66285, Clone: 1H7A2) at dilution of 1:200, CL594-phalloidin (red).