For Research Use Only

CoraLite®594-conjugated OGDH Monoclonal antibody

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Antibodies | ELISA kits | Proteins
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Catalog Number:CL594-66285

Basic Information

Catalog Number:
CL594-66285

Size:
100ul , Concentration: 1000 µg/ml by Nanodrop;

Source:
Mouse

Isotype:
IgG2b

Immunogen Catalog Number:
AG7484

GenBank Accession Number:
BC004964

GeneID (NCBI):
4967

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 1:50-1:500

Excitation/Emission maxima wavelengths:
593 nm / 614 nm

Applications

Tested Applications:
IF

Species Specificity:
human, rat

Positive Controls:

IF : HepG2 cells,

Background Information

OGDH(2-oxoglutarate dehydrogenase, mitochondrial) is also named as OGDC-E1and 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

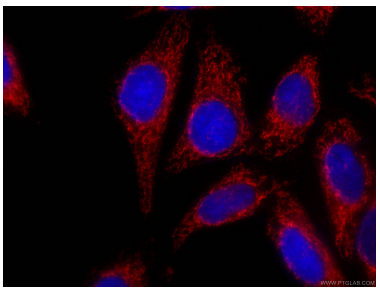
Storage:
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.
Aliquoting is unnecessary for -20°C storage

***** 20ul sizes contain 0.1% BSA**

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.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 (4% PFA) fixed HepG2 cells using CL594-66285 (OGDH antibody) at dilution of 1:100.