

For Research Use Only

CoraLite® Plus 488-conjugated DLD Monoclonal antibody



Catalog Number: **CL488-67702**

Basic Information

Catalog Number: CL488-67702	GenBank Accession Number: BC018696	Purification Method: Protein G purification
Size: 1000 µg/ml	GeneID (NCBI): 1738	CloneNo.: 2E7G5
Source: Mouse	UNIPROT ID: P09622	Recommended Dilutions: IF-P 1:50-1:500
Isotype: IgG1	Full Name: dihydrolipoamide dehydrogenase	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Immunogen Catalog Number: AG9680	Calculated MW: 509 aa, 54 kDa	

Applications

Tested Applications: IF-P	Positive Controls: IF-P : human liver cancer tissue,
Species Specificity: Human, mouse, rat	

Background Information

DLD(Dihydrolipoamide dehydrogenase, mitochondrial) is also named as GCSL, LAD, PHE3 and belongs to the class-I pyridine nucleotide-disulfide oxidoreductase family. It catalyzes the oxidation of dihydrolipoamide, hE3 uses two molecules : non-covalently bound FAD and a transiently bound substrate, NAD⁺. DLD is involved in the hyperactivation of spermatazoa during capacitation and in the spermatazoal acrosome reaction.

Storage

Storage:
Store at -20°C. Avoid exposure to light.
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:

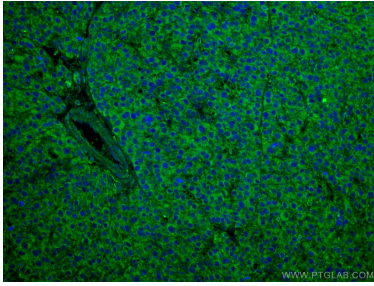
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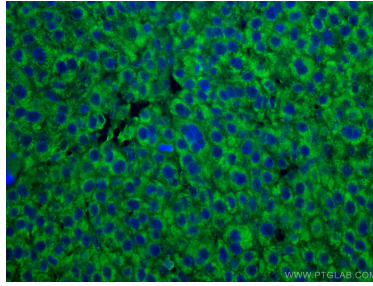
W: ptgcn.com

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Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed human liver cancer tissue using Coralite® Plus 488 DLD antibody (CL488-67702, Clone: 2E7G5) at dilution of 1:200.



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