

For Research Use Only

CoraLite®594-conjugated IVD Monoclonal antibody



Catalog Number:CL594-66032

Basic Information

Catalog Number: CL594-66032	GenBank Accession Number: BC017202	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 3712	CloneNo.: 2D12A5
Source: Mouse	Full Name: isovaleryl Coenzyme A dehydrogenase	Recommended Dilutions: IF 1:50-1:500
Isotype: IgG2a	Calculated MW: 46 kDa	Excitation/Emission maxima wavelengths: 593 nm / 614 nm
Immunogen Catalog Number: AG18042	Observed MW: 41-46 kDa	

Applications

Tested Applications: IF	Positive Controls: IF : human liver cancer tissue,
Species Specificity: human	

Background Information

IVD(Isovaleryl CoA dehydrogenase, mitochondrial) is a member of the acylCoA dehydrogenase family and is involved in the catabolism of leucine. In size, IVD precursor and mature proteins produced by class I mutants are indistinguishable from their normal counterparts. Class II, III, and IV mutants make IVD precursor proteins 42 kD in size rather than the normal 45 kD(PMID:2063866). It has 2 isoforms produced by alternative splicing.

Storage

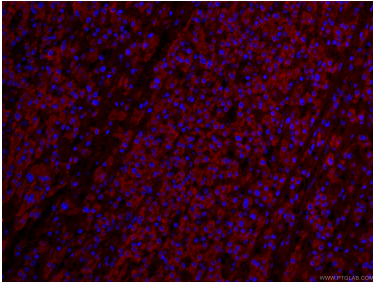
Storage:
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

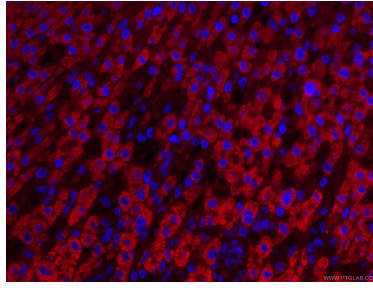
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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 human liver cancer tissue using CL594-66032 (IVD antibody) at dilution of 1:100.



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