

For Research Use Only

CoraLite®594-conjugated LDHB Monoclonal antibody



Catalog Number:CL594-66425

Basic Information

Catalog Number: CL594-66425	GenBank Accession Number: BC002362	Purification Method: Protein G purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 3945	CloneNo.: 5E9G1
Source: Mouse	Full Name: lactate dehydrogenase B	Recommended Dilutions: IF 1:50-1:500
Isotype: IgG1	Calculated MW: 36 kDa	Excitation/Emission maxima wavelengths: 593 nm / 614 nm
Immunogen Catalog Number: AG6605	Observed MW: 35 kDa	

Applications

Tested Applications: IF	Positive Controls: IF : HeLa cells,
Species Specificity: human, rat, mouse	

Background Information

LDHB, also named as LDH-H and NY-REN-46, belongs to the LDH/MDH superfamily. And LDH family. It is an enzyme which catalyzes the reversible conversion of lactate and pyruvate, and NAD and NADH, in the glycolytic pathway. It is glycolytic enzymes and it is positively regulated by mTOR.

Storage

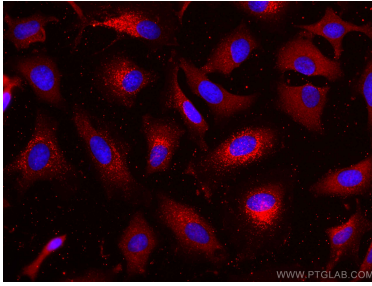
Storage:
Store at -20°C. Avoid exposure to light.
Storage Buffer:
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 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)
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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 HeLa cells using CoraLite@594 LDHB antibody (CL594-66425, Clone: 5E9G1) at dilution of 1:200.