

For Research Use Only

CoraLite® Plus 647-conjugated ENO1 Polyclonal antibody



Catalog Number: CL647-11204

Featured Product

Basic Information

Catalog Number: CL647-11204	GenBank Accession Number: BC015641	Purification Method: Antigen affinity purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 2023	Recommended Dilutions: IF 1:50-1:500
Source: Rabbit	Full Name: enolase 1, (alpha)	Excitation/Emission maxima wavelengths: 654 nm / 674 nm
Isotype: IgG	Calculated MW: 47 kDa	
Immunogen Catalog Number: AG1692	Observed MW: 47 kDa	

Applications

Tested Applications: FC (Intra), IF	Positive Controls: IF : HepG2 cells,
Species Specificity: human, mouse, rat	

Background Information

Enolase is an important glycolytic enzyme involved in the interconversion of 2-phosphoglycerate to phosphoenolpyruvate. Enolase were down-regulated in oxLDL-treated cells or in VLDL-treated cells. And it identified which are associated with glucose metabolism were down-regulated in the process of foam cells formation. (19756395)

Storage

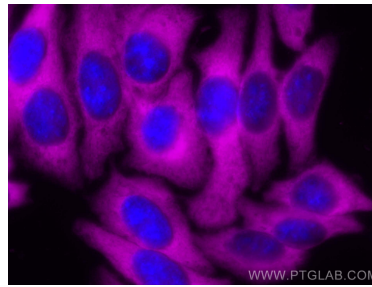
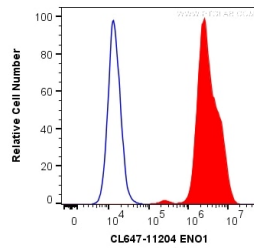
Storage:
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 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
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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



1X10⁶ HeLa cells were intracellularly stained with 0.2 ug CoraLite® Plus 647 Anti-Human ENO1 (CL647-11204) (red), or 0.2 ug Control Antibody. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).

Immunofluorescent analysis of (-20°C Methanol) fixed HepG2 cells using Coralite® Plus 647 ENO1 antibody (CL647-11204) at dilution of 1:100.