

For Research Use Only

CoraLite®555-conjugated ENO1 Polyclonal antibody

Catalog Number: CL555-11204

Featured Product



Basic Information

Catalog Number:

CL555-11204

Concentration:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG1692

GenBank Accession Number:

BC015641

GeneID (NCBI):

2023

ENSEMBL Gene ID:

ENSG00000074800

UNIPROT ID:

P06733

Full Name:

enolase 1, (alpha)

Calculated MW:

47 kDa

Observed MW:

47 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

IF/ICC: 1:50-1:500

FC (Intra): 0.80 µg per 10⁶ cells in a
100 µl suspension

Excitation/Emission maxima
wavelengths:

557 nm / 570 nm

Applications

Tested Applications:

IF/ICC, FC (Intra)

Species Specificity:

human, mouse, rat

Positive Controls:

IF/ICC : HepG2 cells,

FC (Intra) : HeLa cells,

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, pH7.3

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

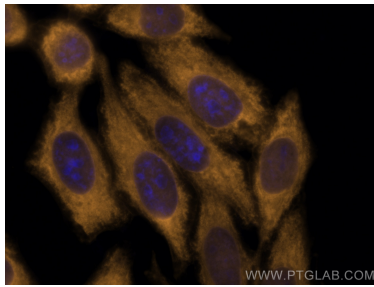
T: 4006900926

E: Proteintech-CN@ptglab.com

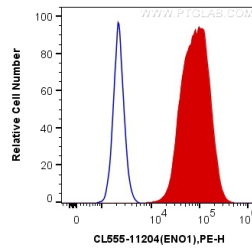
W: ptgcn.com

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Selected Validation Data



Immunofluorescent analysis of (-20°C Methanol) fixed HepG2 cells using CoraLite®555 ENO1 antibody (CL555-11204) at dilution of 1:200.



1X10⁶ HeLa cells were intracellularly stained with 0.8 ug CoraLite®555 Anti-Human ENO1 (CL555-11204) (red), or 0.8 ug Control Antibody. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).