

For Research Use Only

CoraLite® Plus 488-conjugated LDLR Recombinant monoclonal antibody

Catalog Number: CL488-82724



Basic Information

Catalog Number:

CL488-82724

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG1236

GenBank Accession Number:

BC014514

GeneID (NCBI):

3949

ENSEMBL Gene ID:

ENSG00000130164

UNIPROT ID:

P01130

Full Name:

low density lipoprotein receptor

Calculated MW:

95 kDa

Purification Method:

Protein A purification

CloneNo.:

1011

Recommended Dilutions:

IF/ICC: 1:50-1:500

Excitation/Emission maxima
wavelengths:

493 nm / 522 nm

Applications

Tested Applications:

IF/ICC

Species Specificity:

human, mouse, rat

Positive Controls:

IF/ICC : HeLa cells,

Background Information

LDLR (low density lipoprotein receptor) is a member of the LDL receptor gene family and is involved in receptor-mediated endocytosis of specific ligands. The LDLR is a cell surface glycoprotein that scavenges LDL from the blood and regulates plasma LDL cholesterol. The cytoplasmic domain of the LDL receptor is necessary for the receptor to cluster in coated pits, which promotes the rapid endocytosis of bound LDL. The protein is highly glycosylated through N- and O-linkages and thus migrates at 100 to 160 kDa bands on SDS-PAGE.

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:

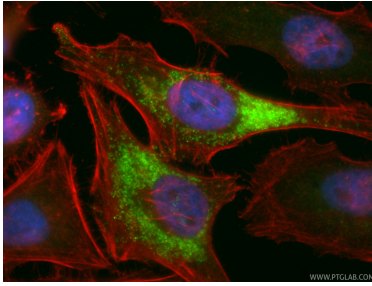
T: 4006900926

E: Proteintech-CN@ptglab.com

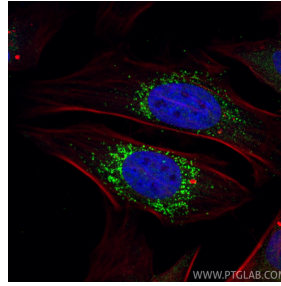
W: ptgcn.com

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Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using CoraLite® Plus 488 LDLR antibody (CL488-82724, Clone: 1O11) at dilution of 1:200, CL594-phalloidin (red).



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