

For Research Use Only

CoraLite® Plus 488-conjugated PCSK9 Recombinant antibody

Catalog Number: CL488-83004-4



Basic Information

Catalog Number:
CL488-83004-4

Size:
1000 µg/ml

Source:
Rabbit

Isotype:
IgG

GenBank Accession Number:
NM_153565.2

GeneID (NCBI):
100102

UNIPROT ID:
Q80W65

Full Name:
proprotein convertase
subtilisin/kexin type 9

Calculated MW:
75KD

Purification Method:
Protein A purification

CloneNo.:
230536E4

Recommended Dilutions:
IF/ICC 1:50-1:500

Excitation/Emission maxima
wavelengths:
493 nm / 522 nm

Applications

Tested Applications:
IF/ICC

Species Specificity:
mouse

Positive Controls:

IF/ICC : HepG2 cells,

Background Information

PCSK9 (Proprotein convertase subtilisin/kexin type 9) is the ninth member of the proprotein convertase family that regulates lipoprotein homeostasis and altered PCSK9 expression was reportedly associated with tumor development and progression. PCSK9 is primarily synthesized and expressed in the liver but also in many other tissues, such as the intestinal tract, kidney, brain, heart, and blood vessels (PMID: 36242053).

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

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

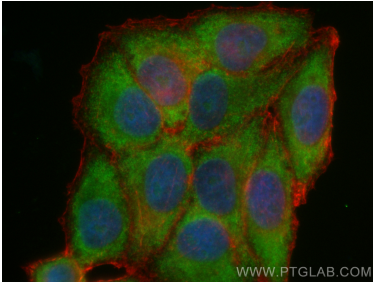
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using CoraLite® Plus 488 PCSK9 antibody (CL488-83004-4, Clone: 230536E4) at dilution of 1:200, CL594-Phalloidin (red).