

For Research Use Only

# CoraLite® Plus 488-conjugated PCSK9 Recombinant antibody

Catalog Number: CL488-83004-4



## Basic Information

<b>Catalog Number:</b> CL488-83004-4	<b>GenBank Accession Number:</b> NM_153565.2	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ul , Concentration: 1000 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 100102	<b>CloneNo.:</b> 230536E4
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q80W65	<b>Recommended Dilutions:</b> IF/ICC 1:50-1:500
<b>Isotype:</b> IgG	<b>Full Name:</b> proprotein convertase subtilisin/kexin type 9	<b>Excitation/Emission maxima wavelengths:</b> 493 nm / 522 nm
	<b>Calculated MW:</b> 75KD	

## Applications

<b>Tested Applications:</b> IF/ICC	<b>Positive Controls:</b> IF/ICC : HepG2 cells,
<b>Species Specificity:</b> mouse	

## 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).

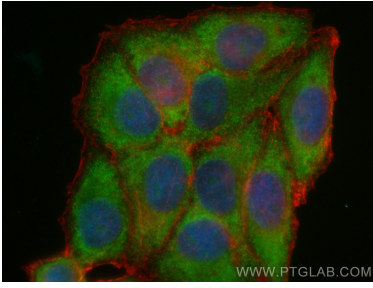
## Storage

**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:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

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).