

For Research Use Only

# CoraLite® Plus 488-conjugated FASN Recombinant antibody



Catalog Number: CL488-81079

## Basic Information

<b>Catalog Number:</b> CL488-81079	<b>GenBank Accession Number:</b> BC007909	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ul , Concentration: 1000 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 2194	<b>CloneNo.:</b> 1L9
<b>Source:</b> Rabbit	<b>Full Name:</b> fatty acid synthase	<b>Recommended Dilutions:</b> IF 1:50-1:500
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 272 kDa	<b>Excitation/Emission maxima wavelengths:</b> 493 nm / 522 nm
<b>Immunogen Catalog Number:</b> AG0975	<b>Observed MW:</b> 250-270 kDa	

## Applications

<b>Tested Applications:</b> FC, IF	<b>Positive Controls:</b> IF : HeLa cells,
<b>Species Specificity:</b> Human, mouse, rat	

## Background Information

FASN gene codes for an enzyme essential for de novo fatty acid synthesis and cellular substrate energy metabolism. Active FASN is a homodimer in which each peptide subunit has a molecular weight of 260 kDa. FASN is overexpressed in various types of cancer including glioblastomas and is a potential therapeutic target. Recently FASN has been reported to contribute to the neurogenesis since FASN mutation caused intellectual disability in mice.

## Storage

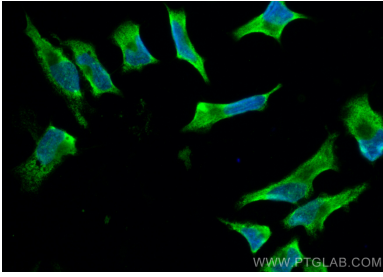
**Storage:**  
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

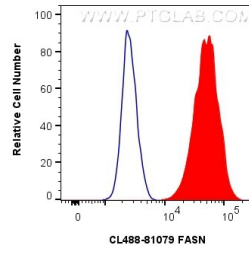
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

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 Methanol) fixed HeLa cells using CoralLite® Plus 488 FASN antibody (CL488-81079, Clone: 1L9) at dilution of 1:200.



1X10<sup>6</sup> HepG2 cells were intracellularly stained with 0.8 ug CoralLite® Plus 488 Anti-Human FASN (CL488-81079, Clone:1L9) (red), or 0.8 ug CoralLite® Plus 488-conjugated Rabbit IgG control Rabbit PolyAb (CL488-30000, Clone: ) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).