

For Research Use Only

CoraLite® Plus 488-conjugated FASN Recombinant antibody



Catalog Number:CL488-81079

Basic Information

Catalog Number: CL488-81079	GenBank Accession Number: BC007909	Purification Method: Protein A purification
Size: 1000 µg/ml	GeneID (NCBI): 2194	CloneNo.: 1L9
Source: Rabbit	UNIPROT ID: P49327	Recommended Dilutions: IF 1:50-1:500
Isotype: IgG	Full Name: fatty acid synthase	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Immunogen Catalog Number: AG0975	Calculated MW: 272 kDa	
	Observed MW: 250-270 kDa	

Applications

Tested Applications: IF/ICC	Positive Controls: IF : HeLa cells,
Species Specificity: 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

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

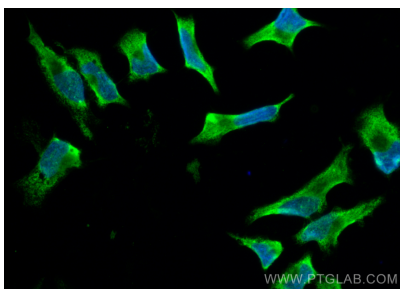
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Immunofluorescent analysis of (-20°C Methanol) fixed HeLa cells using CoraLite® Plus 488 FASN antibody (CL488-81079, Clone: 1L9) at dilution of 1:200.