

For Research Use Only

CoraLite® Plus 647-conjugated Somatostatin Recombinant monoclonal antibody

Catalog Number: **CL647-84351**



Basic Information

Catalog Number: CL647-84351	GenBank Accession Number: NM_001048	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 ug/ml by Nanodrop;	GeneID (NCBI): 6750	CloneNo.: 240816D9
Source: Rabbit	UNIPROT ID: P61278	Recommended Dilutions: IF-P: 1:50-1:500
Isotype: IgG	Full Name: somatostatin	Excitation/Emission maxima wavelengths: 654 nm / 674 nm
	Calculated MW: 13 kDa	

Applications

Tested Applications: IF-P	Positive Controls: IF-P : mouse pancreas tissue,
Species Specificity: human, mouse	

Background Information

Somatostatin is a peptide hormone that regulates the endocrine system and affects neurotransmission and cell proliferation via interaction with G protein-coupled somatostatin receptors and inhibition of the release of numerous secondary hormones. Somatostatin is a useful marker of D-cells of pancreatic islet cells. Somatostatin inhibits ins and glucagon secretion. Somatostatin has two active forms produced by alternative cleavage of a single preproprotein: one of 14 amino acids, the other of 28 amino acids.

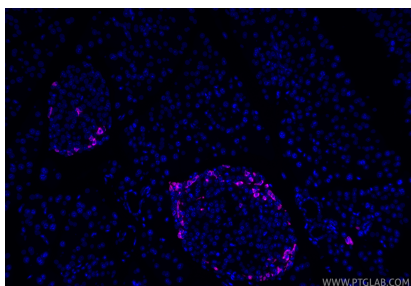
Storage

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

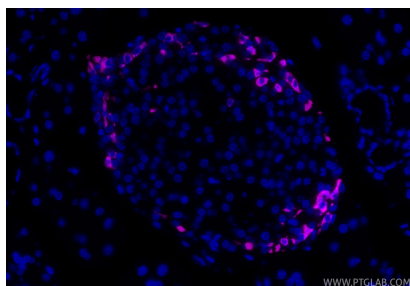
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed paraffin-embedded mouse pancreas tissue using CoraLite® Plus 647 Somatostatin antibody (CL647-84351, Clone: 240816D9) at dilution of 1:200. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



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