

For Research Use Only

CoraLite® Plus 647-conjugated Somatostatin Recombinant monoclonal antibody

Catalog Number: **CL647-84351**



Basic Information

Catalog Number:

CL647-84351

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM_001048

GeneID (NCBI):

6750

UNIPROT ID:

P61278

Full Name:

somatostatin

Calculated MW:

13 kDa

Purification Method:

Protein A purification

CloneNo.:

240816D9

Recommended Dilutions:

IF-P: 1:50-1:500

Excitation/Emission maxima
wavelengths:

654 nm / 674 nm

Applications

Tested Applications:

IF-P

Species Specificity:

human, mouse

Positive Controls:

IF-P : mouse pancreas tissue,

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:

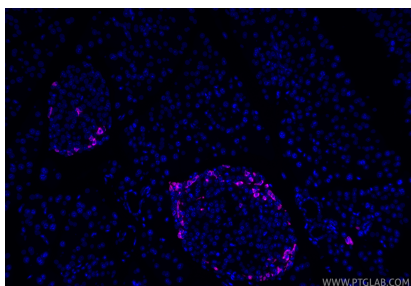
T: 4006900926

E: Proteintech-CN@ptglab.com

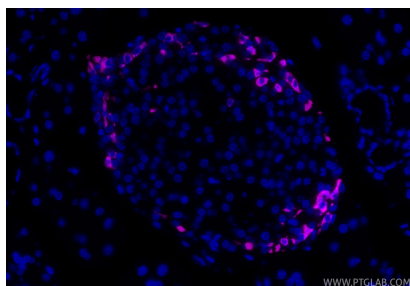
W: ptgcn.com

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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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