For Research Use Only

# CoraLite®594-conjugated SSTR5 Monoclonal antibody

Catalog Number:CL594-66772

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## Basic Information

Catalog Number:
CL594-66772

Size:
100ul , Concentration: 1000 ug/ml by Nanodrop;

Source:
Mouse

Isotype:
IgG1

Immunogen Catalog Number:
AG18615

GenBank Accession Number:
BC146576

GeneID (NCBI):
6755

UNIPROT ID:
P35346

Full Name:
somatostatin receptor 5

Calculated MW:
364 aa, 39 kDa

Observed MW:
41 kDa

Purification Method:
Protein G purification

CloneNo.:
2B10D8

Recommended Dilutions:
IF-P 1:50-1:500

Excitation/Emission maxima wavelengths:
588 nm / 604 nm

## Applications

Tested Applications:
IF-P

Species Specificity:
Human, Mouse, Rat

Positive Controls:

IF-P : mouse kidney tissue,

## Background Information

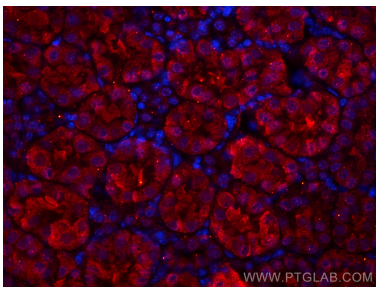
Somatostatin is a widely distributed peptide with a broad range of biological actions. Two biological forms of somatostatin exist: somatostatin-14 and -28. Somatostatin receptors (SSTR1, 2A and B, 3, 4 and 5) belong to the G protein coupled receptor family and have a wide expression pattern in both normal tissues and solid tumors (PMID: 23872332). SSTR5 has greater affinity for somatostatin-28 than somatostatin-14 (PMID: 8373420).

## Storage

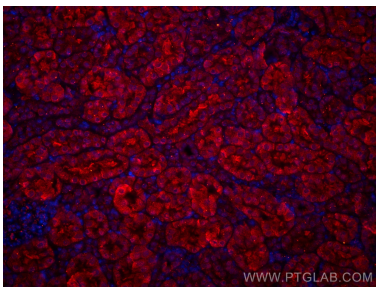
Storage:
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.
Aliquoting is unnecessary for -20°C storage

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

## Selected Validation Data




Immunofluorescent analysis of (4% PFA) fixed mouse kidney tissue using CoraLite®594 SSTR5 antibody (CL594-66772, Clone: 2B10D8 ) at dilution of 1:200.

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