

## SSTR5 Monoclonal antibody

Catalog Number: 66772-1-Ig 4 Publications

## Basic Information

Catalog Number:

66772-1-Ig

Size:

1800 µg/ml

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:

WB 1:1000-1:6000

IF-P 1:200-1:800

## Applications

Tested Applications:

IF-P, WB, ELISA

Cited Applications:

WB, IF, CoIP

Species Specificity:

Human, Mouse, Rat

Cited Species:

human, mouse, rat

Positive Controls:

WB: HSC-T6 cells, HeLa cells, HEK-293 cells, HepG2 cells, NIH/3T3 cells, Neuro-2a cells

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).

## Notable Publications

Author	Pubmed ID	Journal	Application
Kazunori Kageyama	32963176	Endocr J	WB
Ping Ma	34710756	Phytomedicine	WB
Donatella Treppiedi	35992099	Front Endocrinol (Lausanne)	IF

## Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

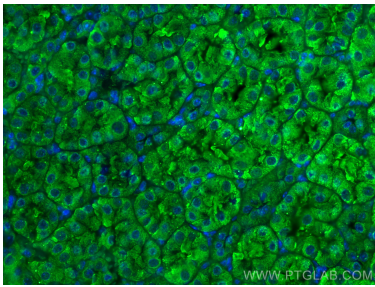
For technical support and original validation data for this product please contact:

T: 4006900926

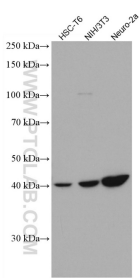
E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)W: [ptgcn.com](http://ptgcn.com)

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

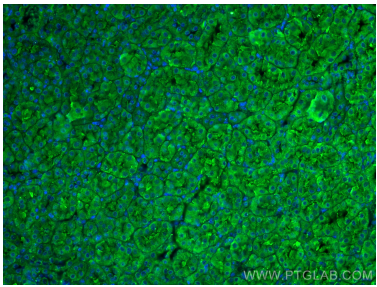
Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed mouse kidney tissue using SSTR5 antibody (66772-1-Ig, Clone: 2B10D8 ) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).



Various lysates were subjected to SDS PAGE followed by western blot with 66772-1-Ig (SSTR5 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



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