

For Research Use Only

SSTR5 Monoclonal antibody

Catalog Number: 66772-1-Ig **4 Publications**



Basic Information

Catalog Number: 66772-1-Ig	GenBank Accession Number: BC146576	Purification Method: Protein G purification
Size: 150ul, Concentration: 1800 ug/ml by Nanodrop and 1000 ug/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 6755	CloneNo.: 2B10D8
Source: Mouse	UNIPROT ID: P35346	Recommended Dilutions: WB 1:1000-1:6000 IF-P 1:200-1:800
Isotype: IgG1	Full Name: somatostatin receptor 5	
Immunogen Catalog Number: AG18615	Calculated MW: 364 aa, 39 kDa	
	Observed MW: 41 kDa	

Applications

Tested Applications: WB, IF-P, ELISA	Positive Controls:
Cited Applications: WB, IF, CoIP	WB: HSC-T6 cells, HeLa cells, HEK-293 cells, HepG2 cells, NIH/3T3 cells, Neuro-2a cells
Species Specificity: Human, Mouse, Rat	IF-P: mouse kidney tissue,
Cited Species: human, mouse, rat	

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

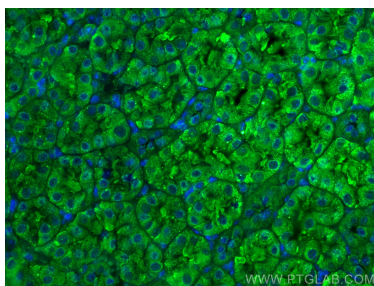
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

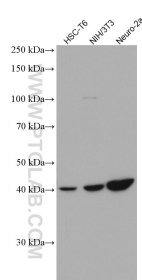
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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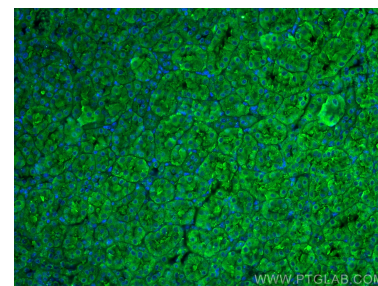
Selected Validation Data



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 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.



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 Goat Anti-Mouse IgG(H+L).