



**Data Sheet (DS) 7TM0356C**

**Issuing Date:** 2020-05-26

Description	pT356/pT359-SST2 (phospho-Somatostatin Receptor 2 Antibody)
Format	Purified, Liquid
Product Type	Rabbit Polyclonal Antibody
Isotype	Polyclonal IgG
Quantity	100 µl

**Product Details**

Applications	This product has been reported to work in the following applications:	
		Dilution
	Western Blot	1:1000
	Immunocytochemistry	1:200
	<p>This information is derived from testing within our laboratories and peer-reviewed publications. Please refer to references indicated for further information. For general protocol recommendations, please visit <a href="https://7tmantibodies.com/7tm-antibodies-support/7tm-protocols/">https://7tmantibodies.com/7tm-antibodies-support/7tm-protocols/</a> Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using appropriate negative/positive controls.</p>	
Target Species	Human, Mouse	
Product Form	Purified IgG, liquid	
Antiserum Preparation	Antiserum to Somatostatin Receptor 2 was raised by repeated immunization of rabbits with highly purified antigen. Purified IgG was prepared from whole serum by affinity chromatography.	
Immunogen	A synthetic phosphopeptide derived from human SST2 around the phosphorylation site of Thr356/Thr359.	
Storage Buffer	Dulbecco's PBS, pH 7.4, with 150 mM NaCl, 0.02% sodium azide	
Specificity	Threonine356/Threonine359 (T356/T359) is a major phosphorylation site of the somatostatin receptor 2 (SST2). The pT356/pT359-SST2 antibody detects phosphorylation in response to high-efficacy agonists such as octreotide and low-efficacy agonists such as pasireotide. T356/T359 phosphorylation is a key regulator of SST2 desensitization, β-arrestin recruitment and internalization. The pT356/pT359-SST2 antibody can detect phosphorylated MOP in mouse and rat tissues in vivo. The pT356/pT359-SST2 antibody can be used for detection of the subcellular location of phosphorylated MOP by immunocytochemistry.	
Guarantee	12 months from date of dispatch	

Storage	Store at -20°C. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody.
Regulatory	For research purposes only
Health and Safety Information	Material Safety Data Sheet documentation is available at <a href="https://7tmantibodies.com/7tm-phosphosite-specific-antibodies/somatostatin-receptors/sst2/24/pt356/pt359-sst2-phospho-somatostatin-receptor-2-antibody?c=91">https://7tmantibodies.com/7tm-phosphosite-specific-antibodies/somatostatin-receptors/sst2/24/pt356/pt359-sst2-phospho-somatostatin-receptor-2-antibody?c=91</a> in the downloads section as: <a href="#">Safety Data Sheet EU</a> <a href="#">Safety Data Sheet US</a>

### **Related Products**

[pS341/pS343-SST2 \(phospho-Somatostatin Receptor 2 Antibody\)](#)

[pT353/pT354-SST2 \(phospho-Somatostatin Receptor 2 Antibody\)](#)

[SST2 \(non-phospho\), Somatostatin Receptor 2 Antibody](#)

[SST2 \(IHC-grade\), Somatostatin Receptor 2 Antibody](#)

### **Details of the Supplier of the Data Sheet**

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