



**Data Sheet (DS) 7TM0356A**

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

Description	pS341/pS343-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
	<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></p> <p>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 Ser341/Ser343.	
Storage Buffer	Dulbecco's PBS, pH 7.4, with 150 mM NaCl, 0.02% sodium azide	
Specificity	Serine341/Serine343 (S341/S343) is a major phosphorylation site of the somatostatin receptor 2 (SST2). The pS341/pS343-SST2 antibody detects phosphorylation in response to high-efficacy agonists such as octreotide and low-efficacy agonists such as pasireotide. S341/S343 phosphorylation is a key regulator of SST2 desensitization, β-arrestin recruitment and internalization. The pS341/pS343-SST2 antibody can detect phosphorylated MOP in mouse and rat tissues in vivo.	
Guarantee	12 months from date of dispatch	
Storage	<p>Store at -20°C.</p> <p>This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody.</p>	

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/sst2/16/ps341/ps343-sst2-phospho-somatostatin-receptor-2-antibody?c=91">https://7tmantibodies.com/7tm-phosphosite-specific-antibodies/somatostatin-receptors/sst2/16/ps341/ps343-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**

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

[pT356/pT359-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**

#### **Supplier**

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