



Data Sheet (DS) 7TM0029A

Issuing Date: 2021-01-30

Description	pS355/pS356- β 2 (phospho- β 2-Adrenoceptor Antibody)
Format	Purified, Liquid
Product Type	Rabbit Polyclonal Antibody
Isotype	Polyclonal IgG
Quantity	100 μ l

Product Details

Applications	This product has been reported to work in the following applications:	
		Dilution
	Western Blot	1:1000
	Immunocytochemistry	1:100
	<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 https://7tmantibodies.com/7tm-antibodies-support/7tm-protocols/</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	
Product Form	Purified IgG, liquid	
Antiserum Preparation	Antiserum to β 2-Adrenoceptor 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 β 2 around the phosphorylation site of Ser355/Ser356.	
Storage Buffer	Dulbecco's PBS, pH 7.4, with 150 mM NaCl, 0.02% sodium azide	
Specificity	Serine355/Serine356 (S355/S356) is a major phosphorylation site of the β 2 adrenoceptor. The pS355/pS356- β 2 antibody detects phosphorylation in response to high- and low-efficacy agonists but not after PKC activation. S355/S356 phosphorylation is primarily mediated by GRK6 and is a key regulator of β 2 desensitization, β -arrestin recruitment and internalization.	
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 https://7tmantibodies.com/7tm-phosphosite-specific-antibodies/adrenoceptors/v2-adrenoceptor/107/ps355/ps356-v2-phospho-v2-adrenoceptor-antibody?c=527 in the downloads section as: Safety Data Sheet EU Safety Data Sheet US
-------------------------------	---

Related Products

[pT360/pS364-β2 \(phospho-β2-Adrenoceptor Antibody\)](#)

[pS364-β2 \(phospho-β2-Adrenoceptor Antibody\)](#)

[pS355-β2 \(phospho-β2-Adrenoceptor Antibody\)](#)

[pS356-β2 \(phospho-β2-Adrenoceptor Antibody\)](#)

[pT360-β2 \(phospho-β2-Adrenoceptor Antibody\)](#)

[β2 \(non-phospho\) β2-Adrenoceptor Antibody](#)

Details of the Supplier of the Data Sheet

Supplier

7TM Antibodies GmbH

Hans-Knöll-Str. 6

07745 Jena – Germany

TEL: ++49 151 20130575

FAX: ++49 3641 241 49 58

Email: info@7tmantibodies.com

Website: 7tmantibodies.com