



Data Sheet (DS) 7TM0032A

Issuing Date: 2020-05-05

Description	pT324/pS327-C5a1 (phospho-Complement C5a Receptor 1 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 https://7tmantibodies.com/7tm-antibodies-support/7tm-protocols/ 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 Complement C5a Receptor 1 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 C5a1 around the phosphorylation site of Thr324/Ser327.	
Storage Buffer	Dulbecco's PBS, pH 7.4, with 150 mM NaCl, 0.02% sodium azide	
Specificity	Threonine324/serine327 (T324/S327) is a major phosphorylation site of the C5a1 receptor. The pT324/pS327-C5a1 antibody detects phosphorylation in response to high- and low-efficacy agonists but not after PKC activation. T324/S327 phosphorylation is a key regulator of C5a1 desensitization, β-arrestin recruitment and internalization. The pT324/pS327-C5a1 antibody can be used for detection of the subcellular location of phosphorylated C5a1 receptors 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 https://7tmantibodies.com/7tm-phosphosite-specific-antibodies/complement-receptors/c5a1/70/pt324/ps327-c5a1-phospho-complement-c5a-receptor-1-antibody?c=81 in the downloads section as: Safety Data Sheet EU Safety Data Sheet US

Related Products

[pS332/pS334-C5a1 \(phospho-Complement C5a Receptor 1 Antibody\)](#)

[C5a1 \(non-phospho\), Complement C5a Receptor 1 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