



Data Sheet (DS) 7TM0319C

Issuing Date: 2022-06-21

Description	pS375-MOP (phospho- μ -Opioid Receptor Antibody)
Format	Purified, Liquid
Product Type	Rabbit Polyclonal Antibody
Isotype	Polyclonal IgG
Quantity	100 μ l

Product Details

Applications	<p>This product has been reported to work in the following applications:</p> <table><tr><td></td><td>Dilution</td></tr><tr><td>Western Blot</td><td>1:1000</td></tr><tr><td>Immunocytochemistry</td><td>1:200</td></tr></table> <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>			Dilution	Western Blot	1:1000	Immunocytochemistry	1:200
	Dilution							
Western Blot	1:1000							
Immunocytochemistry	1:200							
Target Species	Human, Mouse, Rat							
Product Form	Purified IgG, liquid							
Antiserum Preparation	Antiserum to μ -Opioid Receptor 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 MOP around the phosphorylation site of Ser375.							
Storage Buffer	Dulbecco's PBS, pH 7.4, with 150 mM NaCl, 0.02% sodium azide							
Specificity	Serine375 (S375) is the primary phosphorylation site in a hierarchical phosphorylation cascade. The pS375-MOP antibody detects phosphorylation in response to high- and low-efficacy agonists but not after PKC activation. S375 phosphorylation is a key regulator of MOP desensitization, β -arrestin recruitment and internalization. The pS375-MOP antibody can be used for detection of the subcellular location of phosphorylated MOP by immunocytochemistry.							
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/opioid-receptors/opioid-receptor-mop/17/ps375-mop-phospho-opioid-receptor-antibody?c=86 in the downloads section as: Safety Data Sheet EU Safety Data Sheet US

Related Products

[pT376-MOP \(phospho-μ-Opioid Receptor Antibody\)](#)

[pT379-MOP \(phospho-μ-Opioid Receptor Antibody\)](#)

[pS370-MOP \(phospho-μ-Opioid Receptor Antibody\)](#)

[pS363-MOP \(phospho-μ-Opioid Receptor Antibody\)](#)

[MOP \(non-phospho\), μ-Opioid Receptor Antibody](#)

[MOP \(IHC-grade\), μ-Opioid Receptor 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