



Data Sheet (DS) 7TM0343B

Issuing Date: 2022-05-25

Description	pS374/pS377-EP4 (phospho-EP4 Prostanoid Receptor 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:	
	Western Blot	Dilution 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 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 human EP4 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 EP4 around the phosphorylation site Ser374/Ser377.	
Storage Buffer	Dulbecco's PBS, pH 7.4, with 150 mM NaCl, 0.02% sodium azide	
Specificity	Serine374/Serine377 (S374/S377) is major phosphorylation site of the EP4 Prostanoid Receptor (EP4). The pS374/pS377-EP4 antibody detects phosphorylation in response to agonists. S374/S377 phosphorylation is likely to be involved in efficient ligand sequestration by EP4.	
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/detail/index/sArticle/273/sCategory/647 in the downloads section as: Safety Data Sheet EU Safety Data Sheet US
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Related Products

[pT369/pS370-EP4 \(phospho-EP4 Prostanoid Receptor Antibody\)](#)

[pS364/pS366-EP4 \(phospho-EP4 Prostanoid Receptor Antibody\)](#)

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