



Data Sheet (DS) 7TM0331D

Issuing Date: 2024-09-13

Description	pS501/pT503/pS504-PTH1 (phospho-Parathyroid Hormone 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
	<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 Parathyroid Hormone 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 PTH1 around the phosphorylation site of Ser501/Thr503/Ser504.	
Storage Buffer	Dulbecco's PBS, pH 7.4, with 150 mM NaCl, 0.02% sodium azide	
Specificity	Serine501/Threonine503/Serine504 (S501/T503/S504) is major phosphorylation site of the Parathyroid Hormone Receptor 1 (PTH1). The pS501pT503/pS504-PTH1 antibody detects phosphorylation in response to agonists. S501T503/S504 phosphorylation is likely to be involved in efficient ligand sequestration by PTH1.	
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/phosphosite-7tm-antibodies/parathyroid-hormone-receptors/pth1/479/ps501/pt503/ps504-pt1-phospho-parathyroid-hormone-receptor-1-antibody in the downloads section as: Safety Data Sheet EU Safety Data Sheet US
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Related Products

[pS493/pS495-PTH1 \(phospho-Parathyroid Hormone Receptor 1 Antibody\)](#)

[PTH1 \(IHC-grade\) Parathyroid Hormone Receptor 1 Antibody](#)

Details of the Supplier of the Data Sheet

Supplier

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