



Data Sheet (DS) 7TM0056A-IC

Issuing Date: 2022-06-20

Description	pS425-CB1 (IHC-grade, phospho) Cannabinoid 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:	
	Immunohistochemistry	Dilution 1:50
	<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 CB1 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 CB1 around the phosphorylation site Ser425.	
Storage Buffer	Dulbecco's PBS, pH 7.4, with 150 mM NaCl, 0.02% sodium azide	
Specificity	Serine425 (S425) is major phosphorylation site of the Cannabinoid Receptor 1 (CB1). The pS425-CB1 antibody detects phosphorylation in response to agonists. S425 phosphorylation is likely to be involved in efficient ligand sequestration by CB1. The pS425-CB1 antibody can detect phosphorylated CB1 in mouse brain in vivo.	
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/cat/index/sCategory/725 in the downloads section as: Safety Data Sheet EU Safety Data Sheet US
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Related Products

[pS429-CB1 \(phospho-Cannabinoid Receptor 1 Antibody\)](#)

[pS441-CB1 \(phospho-Cannabinoid Receptor 1 Antibody\)](#)

Details of the Supplier of the Data Sheet

Supplier

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