Data Sheet (DS) 7TM0071D

Issuing Date: 2022-12-01

Description	pS338/pS339-CXCR4 (phospho-CXC Chemokine Receptor 4 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: 1:1000 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.
Target Species	Human, Mouse
Product Form	Purified IgG, liquid
Antiserum Preparation	Antiserum to CXC Chemokin Receptor 4 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 CXCR4 around the phosphorylation site of Ser338/Ser339.
Storage Buffer	Dulbecco's PBS, pH 7.4, with 150 mM NaCl, 0.02% sodium azide
Specificity	Serine338 and Serine339 (S338/S339) are a major phosphorylation sites of the CXCR4 receptor. The pS338/pS339-CXCR4 antibody detects phosphorylation in response to agonists and after PKC activation. S338/S339 phosphorylation is a key regulator of CXCR4 desensitization, β-arrestin recruitment and internalization.
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	Material Safety Data Sheet documentation is available at

Safety Information	https://7tmantibodies.com/phosphosite-7tm-antibodies/chemokine-receptors/cxcr4/375/ps338/ps339-cxcr4-phospho-cxc-chemokine-receptor-4-antibody?c=79 in the downloads section as: Safety Data Sheet EU Safety Data Sheet US

Related Products

pS324/pS325-CXCR4 (phospho-CXC Chemokine Receptor 4 Antibody)

pS330-CXCR4 (phospho-CXC Chemokine Receptor 4 Antibody)

pS346/pS347-CXCR4 (phospho-CXC Chemokine Receptor 4 Antibody)

CXCR4 (non-phospho), CXC Chemokine Receptor 4 Antibody

Details of the Supplier of the Data Sheet

Supplier

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