



Data Sheet (DS) 7TM0016N

Issuing Date: 2025-02-28

Description	M4 (non-phospho) M4 Muscarinic Acetylcholine 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 M4 Muscarinic Acetylcholine 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 peptide presents the carboxyl-terminal tail of human M4.	
Storage Buffer	Dulbecco's PBS, pH 7.4, with 150 mM NaCl, 0.02% sodium azide	
Specificity	The non-phospho-M4 receptor antibody is directed against the 3rd loop of human M4 Muscarinic Acetylcholine Receptor (M4). It can be used to detect total M4 receptors in Western blots independent of phosphorylation. The non-phospho-M4 antibody can also be used to isolate and enrich M4 receptors from cell and tissue lysates.	
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/phosphosite-7tm-antibodies/muscarinic-ach-receptors/m4/568/m4-non-phospho-m4-muscarinic-acetylcholine-receptor-antibody?number=7TM0016N in the downloads section as: Safety Data Sheet EU Safety Data Sheet US
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Related Products

[pS296/pS297-M4 \(phospho-M4 Muscarinic Acetylcholine Receptor Antibody\)](#)

[pT311/pS314-M4 \(phospho-M4 Muscarinic Acetylcholine Receptor Antibody\)](#)

Details of the Supplier of the Data Sheet

Supplier

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