Data Sheet (DS) 7TM0319N-ICRM

Issuing Date: 2026-06-22

Description	MOP [UMB3] (RM-IHC-grade), μ-Opioid Receptor Antibody, Rabbit Monoclonal
Format	Purified, Liquid
Product Type	Rabbit Monoclonal 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 Immunohistochemistry: 1:100 Immunocytochemistry: 1:200 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
Product Form	Purified IgG, liquid
Antiserum Preparation	Purified IgG prepared by affinity chromatography of Protein A from animal origin-free culture supernatant.
Immunogen	A synthetic peptide with the sequence LENLEAETAPLP which is present in carboxyl-terminal tail of human, mouse and rat MOP.
Storage Buffer	Dulbecco's PBS, pH 7.4, with 150 mM NaCl, 0.02% sodium azide
Specificity	The μ-Opioid Receptor antibody is directed against the distal end of the carboxyl-terminal tail of mouse, rat and human MOP. It detects selectively the canonical form of MOP and none of the putative splice variants. In can be used to detect total MOP receptors in Western blots independent of phosphorylation. The MOP antibody can also be used to isolate and enrich μ-opioid receptors from brain lysates. It also detects MOP in cultured cells and tissue sections by immunohistochemistry. The MOP antibody has been validated using knockout mice (KO-Validated).
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/ihc-grade-antibodies/human-7tm-receptors/mop/793/mop-umb3-rm-ihc-grade-opioid-receptor-antibody-rabbit-monoclonal?number=7TM0319N-ICRM in the downloads section as: Safety Data Sheet EU Safety Data Sheet US

Related Products

pS375-MOP (phospho-μ-Opioid Receptor Antibody)

pT376-MOP (phospho-μ-Opioid Receptor Antibody)

pS370-MOP (phospho-μ-Opioid Receptor Antibody)

pS363-MOP (phospho-μ-Opioid Receptor Antibody)

pT379-MOP (phospho-μ-Opioid Receptor Antibody)

Details of the Supplier of the Data Sheet

Supplier

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