

Anti-Mitofilin Antibody

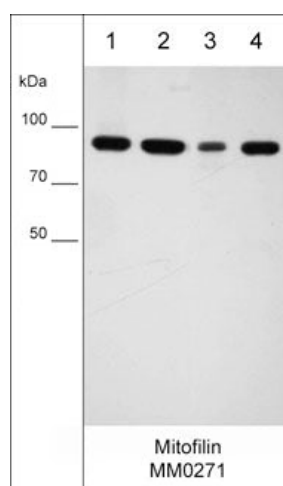


Product Details

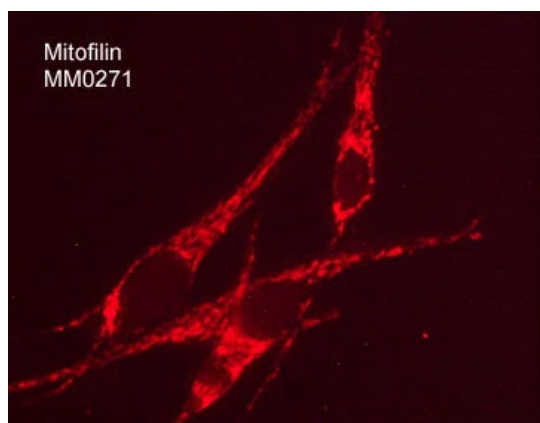
Available Variants	100 µL (SKU:MM0271)
Conjugate	Unconjugated
Isotype	IgG1
Clone	M027
Gene Name	IMMT
Host Species	Mouse
Format	Protein G Purified
Physical State	Liquid
Buffer	PBS + 1 mg/ml BSA, 0.05% NaN ₃ and 50% glycerol
Applications	ELISA, ICC, IP, WB
Dilution Ranges	WB: 1:1000 ICC: 1:100 IP: 1:100
Species Reactivity	Human
Immunogen	Clone M027 was generated from a proprietary antigen related to human mitofilin expressed in the A431 epidermoid carcinoma cell line.
Specificity	Clone M027 detects a 90 kDa* band corresponding to the molecular mass of mitofilin on SDS-PAGE immunoblots of native or denatured human PC3, MDA-MB-231, A431, A549, and MeWo cell lysates, as well as human breast, skin, and brain tissues. In addition, mass spectrometry analysis of immunoprecipitates using MM0271 in human A431 cell lysates confirms this antibody only detects Mitofilin protein. The antibody can be used for multiple applications including ELISA, western blot, immunocytochemistry, and immunoprecipitation.
Molecular Weight	90

Quality Control	Western blots performed on each lot.
Storage	Storage at -20°C is recommended, as aliquots may be taken without freeze/thawing due to presence of 50% glycerol. Stable for at least 1 year at -20°C.
UniProt ID	<u>Q16891</u>
Country of Origin	United States
Shipping	Blue Ice
Expiration	After date of receipt, stable for at least 1 year at -20°C.
Usage Statement	For research use only. Not intended for therapeutic or diagnostic use. Use of all products is subject to our terms and conditions, which can be viewed on our website.

Product Images



Western blot analysis of human cell lysates: MeWo (lane 1), MDA-MB-231 (lane 2), PC3 (lane 3), and A549 (lane 4). The blot was probed with mouse monoclonal anti-mitofilin (MM0271) at 1:1000.



Immunocytochemical labeling of mitofilin in methanol-acetone (1:1) fixed human MeWo cells. The cells were labeled with mouse monoclonal anti-mitofilin (clone M027). The antibody was detected using goat anti-mouse DyLight® 594.

Product Page URL: www.antibodiesinc.com/products/anti-mitofilin-antibody-mm0271



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