

Anti- β -Actin Antibody

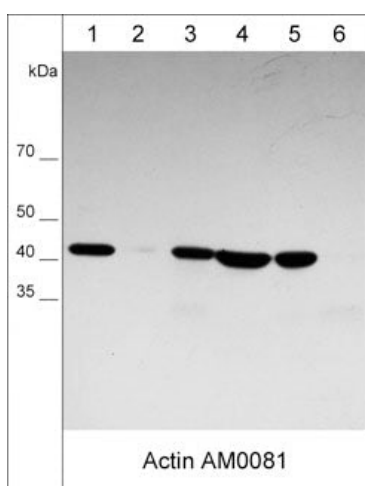


Product Details

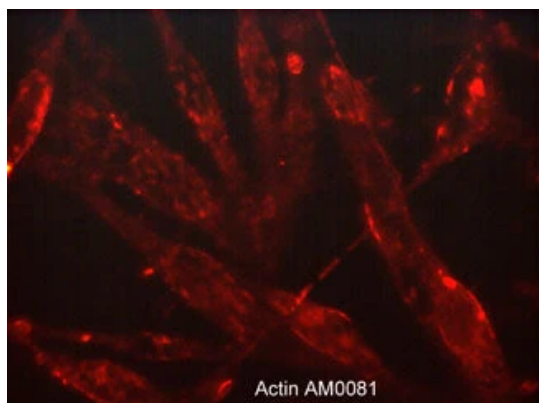
Available Variants	100 μ L (SKU:AM0081)
Conjugate	Unconjugated
Isotype	IgG2b
Clone	M008
Gene Name	ACTB
Host Species	Mouse
Format	Protein G Purified
Physical State	Liquid
Buffer	PBS + 1 mg/ml BSA, 0.05% NaN ₃ and 50% glycerol
Applications	ELISA, ICC, IP, WB
Dilution Ranges	WB: 1:1000 ICC: 1:50 IP: 1:100
Species Reactivity	Human
Immunogen	Clone M008 was generated from a proprietary antigen related to human β -actin in MDA-MB-231 breast cancer cell line.
Specificity	Clone M008 detects a 42 kDa* protein corresponding to the molecular mass of β -actin on SDS-PAGE immunoblots of human cancer cell lines, as well as human recombinant β -actin. This actin antibody preferentially detects human β -actin with only weak reactivity toward actins in rat, mouse, or rabbit. The antibody works in multiple applications including western blot, immunocytochemical labeling, ELISA, and immunoprecipitation. In addition, mass spectrometry analysis of immunoprecipitates using AM0081 in human A431 cell lysate confirmed that this antibody detects β -actin.
Molecular Weight	42

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>P60709</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 HUVEC-CS (lane 1), rabbit spleen fibroblast (lane 2), human Jurkat (lane 3), human LNCaP (lane 4), human HeLa (lane 5), and mouse F9 (lane 6) cell lysates. The blot was probed with mouse monoclonal anti-β-Actin (AM0081) at 1:1000 (lanes 1-6).



Immunocytochemical labeling of β-Actin in paraformaldehyde fixed human MeWo cells. The cells were labeled with mouse monoclonal anti-β-Actin (clone M008). The antibody was detected using goat anti-mouse DyLight® 594.

Product Page URL: www.antibodiesinc.com/products/anti-b-actin-antibody-am0081



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