

#M20011

Actin (2P2) Mouse mAb



Orders ■ 400-6123-828

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Web ■ www.ab-mart.com.cn

- 50 µl
- 100 µl
- 200 µl

DESCRIPTION

Actins are highly conserved proteins that are involved in various types of cell motility. Polymerization of globular actin (G-actin) leads to a structural filament (F-actin) in the form of a two-stranded helix. Each actin can bind to four others. The protein encoded by this gene belongs to the actin family which is comprised of three main groups of actin isoforms, alpha, beta, and gamma.

SOURCE

This Abmart monoclonal antibody is produced by immunizing mice with human actin full-length protein.

STORAGE

Store at -20°C, stable for one year from the date of shipment.

ALIASES

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REACTIVITY

Human, Monkey, Mouse, Rat, Chinese hamster, Dog

ISOTYPE

Ascitic fluid

PREDICTED MOLECULAR WEIGHT

42 Kda

RECOMMEND ANTIBODY DILUTIONS

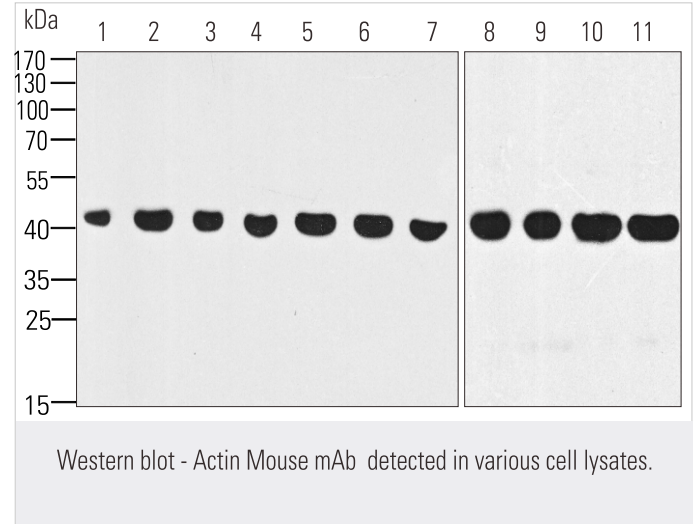
Western blotting 1:1000-1:5000

***For Western blots, incubate membrane with diluted antibody in 5% w/v nonfat dry milk, 1X TBS, 0.05% Tween-20 at 4°C with gentle shaking overnight.**

COMPANION PRODUCTS

- #M21001 Goat-anti-Mouse IgG-HRP
- #M20001 His-Tag mAb
- #M20002 Myc-Tag mAb
- #M20003 HA-Tag mAb
- #M20018 Anti-DYKDDDDK-Tag mAb (Agarose conjugated)

APPLICATION DATA



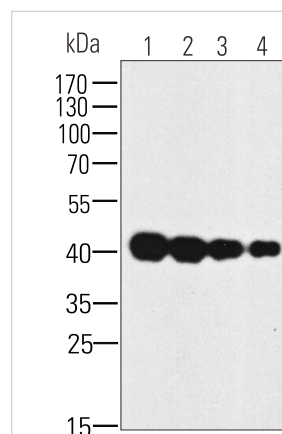
All lanes : Actin Mouse mAb detected in various cell lysates

Lane 1 -11: 293T, HeLa, COS7, MCF-7, PC12, CJO-K1, Caski, NIH3T3, MDCK, SF-900, Mouse brain

Primary antibody: 1:1000

Secondary

Goat Anti-Mouse IgG-HRP, 5% milk conjugated at 1/10000 dilution



Lane 1-4 : Actin Mouse mAb at 1/1K, 1/2K, 1/5K, 1/10K dilution

Lysates/proteins at 20 µg per lane.

Secondary

Goat Anti-Mouse IgG-HRP, 5% milk conjugated at 1/10000 dilution

Predicted band size : 42 kDa

Observed band size : 42 kDa

Blocking/Dilution buffer : 1× TBST.

Applications Key: WB—Western blot, IP—Immunoprecipitation, IHC—Immunohistochemistry, ChIP—Chromatin Immunoprecipitation, IF—Immunofluorescence

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For *in vitro* research use only and not intended for use in humans or animals.