Mouse beta Actin Monoclonal Antibody

beta Actin antibody

CATALOG #	HOST	APPLICATIONS
AAA74780	**Mouse**	**Western Blot, ELISA, Dot Blot**

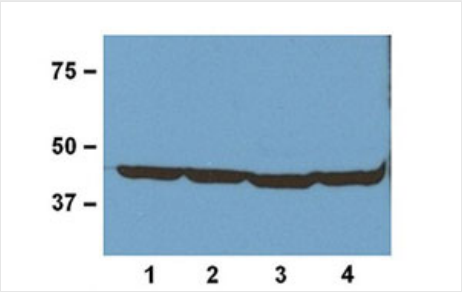
PRODUCT SYNONYMS

beta Actin; Monoclonal Antibody; beta Actin antibody; Monoclonal beta Actin antibody; Anti-beta Actin antibody; PS1TP5-binding protein 1 antibody; PS1TP5BP1 antibody; beta-actin antibody; ACTB antibody; b-actin antibody; anti-beta Actin antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG2b
Clone Number	BA3R
Specificity	Human
Purity/Purification	beta Actin antibody was purified by Protein A affinity chromatography.
Form/Format	Protein A affinity chromatography purifies ascites fluid, in 10 mM PBS, pH 7.2, with 0.05% NaN_3
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	159
Applicable Applications for anti-beta Actin antibody	WB (Western Blot), ELISA, DB (Dot Blot)
Biological Significance	Beta-actin is one of six different actin isoforms which have been identified in humans. This is one of the two nonmuscle cytoskeletal actins. Actins are highly conserved proteins that are involved in cell motility, structure and integrity. Alpha actins are a major constituent of the contractile apparatus. Beta actin is usually used as a loading control, for among others, the integrity of cells, protein degradation, in Western Blotting.
Cross-Reactivity	Mouse, rat, rabbit, chicken
Immunogen	beta Actin antibody was raised in mouse using beta-Actin N-terminal peptide-KLH conjugates as the immunogen.
Preparation and Storage	Store at 4°C for short term, -20°C for long term.

IMAGES



WB (Western Blot)
1:1000 (1 ug/ml) antibody dilution used in WB of 20 ug/lane tissue lysates from human (1), mouse (2), rat (3) and rabbit (4).

ADDITIONAL INFORMATION

Related Product Information for anti-beta Actin antibody	Mouse monoclonal beta Actin antibody
Product Categories/Family for anti-beta Actin antibody	Cell Biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	11079222
NCBI Official Full Name	beta-actin, partial
UniProt Protein Name	Beta-actin
UniProt Entry Name	Q9DG95_PAGMA

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://stage.aaabiotech.com/monoclonal/beta-actin-antibody-clone-ba3r-western-blot-dot-blot-elisa/74780