

Mouse anti-Human ACTB Monoclonal Antibody | anti-ACTB antibody

Mouse monoclonal antibody Anti-Human ACTB

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA36339	Mouse	Human	Flow Cytometry, Functional Assay, Western Blot, Immunocytochemistry, Dot Blot

PRODUCT SYNONYMS

ACTB; Monoclonal Antibody; Mouse monoclonal antibody Anti-Human ACTB; Homo sapiens actin; beta; PS1TP5BP1; anti-ACTB antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1
Clone Number	ACTBD11B7
Concentration	100 ug/ml (1.0 ml) (varies by lot)
Sequence Length	1849
Applicable Applications for anti-ACTB antibody	FCM/FACS (Flow Cytometry), WB (Western Blot), ICC (Immunocytochemistry), DB (Dot Blot)
Preparation	This antibody was purified using protein G column chromatography from culture supernatant of hybridoma cultured in a medium containing bovine IgG-depleted (approximately 95%) fetal bovine serum.
Sterility	Filtered through a 0.22 um membrane.

IMAGES



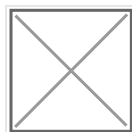
ICC (Immunocytochemistry)

Immunostaining analysis in HeLa cells. HeLa cells were fixed with 4% paraformaldehyde and permeabilized with 0.1% Triton X-100 in PBS. The cells were immunostained with anti-ACTB mAb. [Lot No. ACTBD11B7-1]



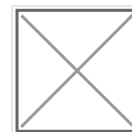
FCM/FACS (Flow Cytometry)

HeLa cells were fixed in 2% paraformaldehyde/PBS and then permeabilized in 90% methanol. Cells were stained with anti-ACTB mAb (shaded) or isotype control (unshaded) followed by Alexa Fluor(R) 488-conjugated goat anti-mouse IgG. [Lot No. ACTBD11B7-1]



WB (Western Blot)

Detection of ACTB by Western blot. Samples: Whole cell lysate from human HEK293 (H, 25 ug), mouse NIH3T3 (M, 25 ug) and rat F2408 (R, 25 ug) cells. [Lot No. ACTBD11B7-2] Predicted molecular weight: 41 kDa



Quality Control #2

Arrow indicates the region of immunized recombinant protein carrying 50-200 amino acids.



Quality Control

Western blot analysis of immunized recombinant protein, using anti-ACTB monoclonal antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-ACTB antibody

Beta actin is one of six different actin isoforms which have been identified. ACTB 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. [NCBI Entrez Gene Summary]

NCBI AND UNIPROT INFORMATION

NCBI GI #	33988640
NCBI GeneID	60
Molecular Weight	41,737 Da
NCBI Official Full Name	Homo sapiens actin, beta, mRNA
NCBI Official Synonym Full Names	actin, beta
NCBI Official Symbol	ACTB
NCBI Official Synonym Symbols	BRWS1; PS1TP5BP1
NCBI Protein Information	actin, cytoplasmic 1; PS1TP5-binding protein 1; beta cytoskeletal actin
UniProt Gene Name	ACTB
UniProt Entry Name	ACTB_HUMAN

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/actb-antibody-clone-actbd11b7-flow-cytometry-western-blot-immunocytochemistry-dot-blot-elisa/36339>