

Mouse anti-Human, Rat Beta Actin (ACTB) Monoclonal Antibody | anti-ACTB antibody

Monoclonal Antibody to Beta Actin (ACTB)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA152923	Mouse	Human, Rat	Immunoprecipitation, Immunocytochemistry, Immunohistochemistry, Western Blot

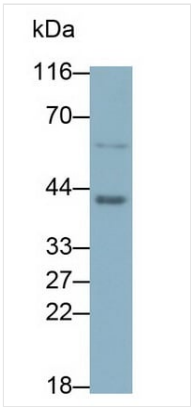
PRODUCT SYNONYMS

Beta Actin (ACTB); Monoclonal Antibody; Monoclonal Antibody to Beta Actin (ACTB); Beta Actin; Actin Beta; ACT-B; PS1TP5BP1; Actin; cytoplasmic 1; N-terminally processed; anti-ACTB antibody

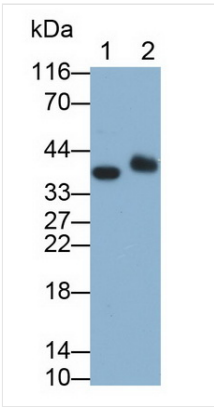
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Rat
Clonality	Monoclonal
Isotype	IgG2a Kappa
Clone Number	C603
Specificity	The antibody is a mouse monoclonal antibody raised against ACTB. It has been selected for its ability to recognize ACTB in immunohistochemical staining and western blotting.
Purity/Purification	Protein A + Protein G affinity chromatography
Form/Format	Liquid. 0.01M PBS, pH7.4, containing 0.05% Proclin-300, 50% glycerol.
Concentration	1mg/mL (varies by lot)
Sequence Positions	Met1~Phe375
Applicable Applications for anti-ACTB antibody	IP (Immunoprecipitation), ICC (Immunocytochemistry), IHC (Immunohistochemistry), WB (Western Blot)
Preparation and Storage	Store at 4 degree C for frequent use. Store at -20 degree C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles. Stable for 12 months if correctly stored. The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

IMAGES



WB (Western Blot)
Western Blot; Sample: HepG2 cell lysate Primary Ab: 0.2ug/ml Mouse Anti-human ACTB Antibody Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody



WB (Western Blot)
Western Blot; Sample: Lane1: Rat Lung lysate; Lane2: Rat Kidney lysate Primary Ab: 0.1ug/ml Mouse Anti-human ACTB Antibody Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody

ADDITIONAL INFORMATION

Product Categories/Family for anti-ACTB antibody	Monoclonal Antibodies (Primary Abs); Monoclonal antibodies; Signal transduction
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4501885
NCBI GeneID	60
NCBI Accession #	NP_001092.1
NCBI GenBank Nucleotide #	NM_001101.3
UniProt Accession #	P60709; P02570; P70514; P99021; Q11211; Q64316; Q75MN2; Q96B34; Q96HG5
Molecular Weight	375
NCBI Official Full Name	actin, cytoplasmic 1
NCBI Official Synonym Full Names	actin, beta
NCBI Official Symbol	ACTB
NCBI Official Synonym Symbols	BRWS1; PS1TP5BP1
NCBI Protein Information	actin, cytoplasmic 1; beta cytoskeletal actin; PS1TP5-binding protein 1
UniProt Protein Name	Actin, cytoplasmic 1
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/beta-actin-actb-antibody-clone-c603-immunoprecipitation-immunocytochemistry-immunohistochemistry-western-blot-elisa/152923>