

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

HRP-conjugated beta-Actin Mouse mAb

CATALOG # AAA283348	HOST Mouse	REACTIVITY Human	APPLICATIONS ELISA, Western Blot
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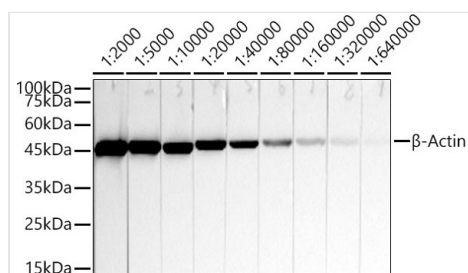
PRODUCT SYNONYMS

beta-Actin; Monoclonal Antibody; HRP-conjugated beta-Actin Mouse mAb; BRWS1; PS1TP5BP1; HRP-conjugated beta-Actin; anti-ACTB antibody

PRODUCT SPECIFICATIONS

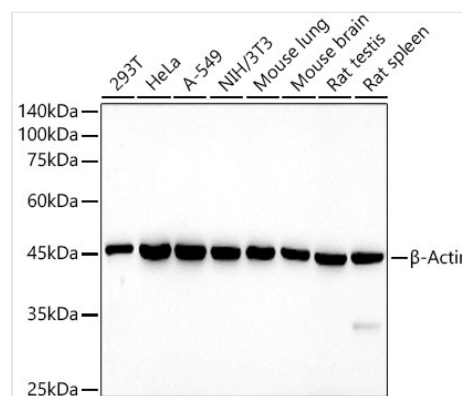
Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1, Lambda
Purity/Purification	Affinity purification
Form/Format	PBS with 0.05% proclin300, 50% glycerol, pH7.3.
Applicable Applications for anti-ACTB antibody	ELISA, WB (Western Blot)
Cross Reactivity	Human, Mouse, Rat
Immunogen	Recombinant protein of Mouse HRP-conjugated beta-Actin
Conjugation	HRP
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



WB (Western Blot)

Western blot analysis of lysates from HeLa, using HRP-conjugated β -Actin Rabbit mAb (AAA283348) at 1:2000- 1:640000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 10s.



WB (Western Blot)

Western blot analysis of various lysates using HRP-conjugated β -Actin Mouse mAb (AAA283348) at 1:5000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 180s.

ADDITIONAL INFORMATION

Related Product Information for anti-ACTB antibody	This gene encodes one of six different actin proteins. Actins are highly conserved proteins that are involved in cell motility, structure, integrity, and intercellular signaling. The encoded protein is a major constituent of the contractile apparatus and one of the two nonmuscle cytoskeletal actins that are ubiquitously expressed. Mutations in this gene cause Baraitser-Winter syndrome 1, which is characterized by intellectual disability with a distinctive facial appearance in human patients. Numerous pseudogenes of this gene have been identified throughout the human genome.
Product Categories/Family for anti-ACTB antibody	Signal Transduction; Cell Biology Developmental Biology; Cytoskeleton; Microfilaments; Death Receptor Signaling Pathway; Endocrine Metabolism; Mitochondrial metabolism; Immunology Inflammation; Loading control Antibodies

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	Calculated MW: 42kDa Observed MW: 42kDa
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.