ACTB recombinant antibody

ACTB Recombinant Monoclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA279334	**HEK293F Cell**	**Human**	**Flow Cytometry, Functional Assay, Western Blot, ELISA**

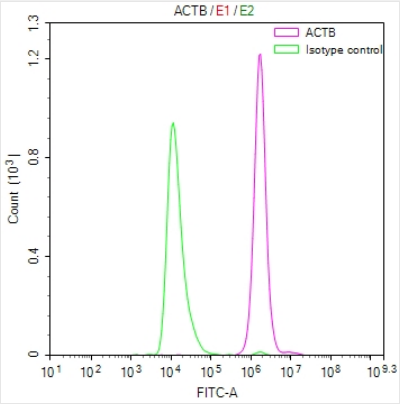
PRODUCT SYNONYMS

ACTB; Monoclonal Recombinant Antibody; ACTB Recombinant Monoclonal Antibody; A26C1A antibody; A26C1B antibody; ACTB antibody; ACTB_HUMAN antibody; Actin beta antibody; Actin cytoplasmic 1 antibody; Actin; cytoplasmic 1; N-terminally processed antibody; Actx antibody; b actin antibody; b-actin antibody; Beta cytoskeletal actin antibody; Beta-actin antibody; BRWS1 antibody; E430023M04Rik antibody; Melanoma X actin antibody; MGC128179 antibody; PS1TP5 binding protein 1 antibody; PS1TP5BP1 antibody; ACTB recombinant antibody

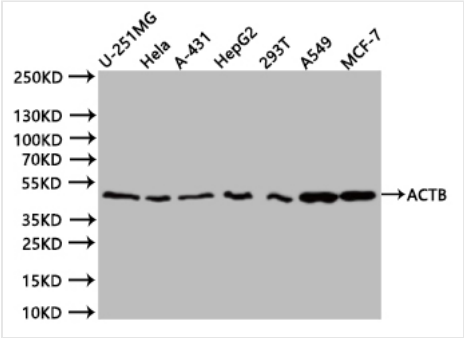
PRODUCT SPECIFICATIONS

Host	HEK293F Cell
Reactivity	Human
Clonality	Monoclonal
Isotype	mIgG2b
Clone Number	1D12E12B5
Purity/Purification	Affinity chromatography
Form/Format	Liquid; 0.03% Proclin 300, 50% glycerol, 0.01M PBS, pH 7.4.
Applicable Applications for ACTB recombinant antibody	FCM/FACS (Flow Cytometry), WB (Western Blot), ELISA
Antigen Species	Human
Immunogen	Recombinant Human ACTB protein
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



FCM/FACS (Flow Cytometry)
Overlay Peak curve showing Hela cells stained with AAA279334 (red line) at 1:100. The cells were fixed in 4% formaldehyde and permeated by 0.2% TritonX-100. Then 10% normal goat serum to block non-specific protein-protein interactions followed by the antibody (1ug/1*106cells) for 45min at 4 degree C. The secondary antibody used was FITC-conjugated Goat Antimouse IgG(H+L) at 1:200 dilution for 35min at 4 degree C.Control antibody (green line) was mouse IgG (1ug/1*106cells) used under the same conditions. Acquisition of >10,000 events was performed.



WB (Western Blot)
Western BlotPositive WB detected in:U251 whole cell lysate (20ug), Hela whole cell lysate (20ug), HepG2 whole cell lysate (20ug), 293T whole cell lysate (20ug), A549 whole cell lysate (20ug), MCF7 whole cell lysate (20ug)All lanes: ACTB antibody at 1:1000SecondaryGoat polyclonal to mouse IgG at 1/40000 dilutionPredicted band size:42 kDaObserved band size:42 kDaExposure time:20s

ADDITIONAL INFORMATION

Product Categories/Family for ACTB recombinant antibody	Isotype/Loading Controls, Tags & Cell Markers, Signal transduction

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://www.aaabiotech.com/monoclonal/actb-recombinant-antibody-clone-1d12e12b5-flow-cytometry-western-blot-elisa/279334