

beta Actin Recombinant Antibody | betaActin recombinant antibody

Rabbit anti-beta Actin Recombinant Monoclonal Antibody [BLR057F]

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA213553	Rabbit	Human, Mouse	Immunocytochemistry, Immunohistochemistry, Western Blot

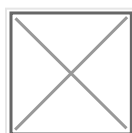
PRODUCT SYNONYMS

beta Actin; Monoclonal Recombinant Antibody; Rabbit anti-beta Actin Recombinant Monoclonal Antibody [BLR057F]; Beta-actin; PS1TP5BP1; PS1TP5-binding protein 1; beta cytoskeletal actin; actin; cytoplasmic 1; I(2)-actin; BRWS1; Actin; actin beta; betaActin recombinant antibody

PRODUCT SPECIFICATIONS

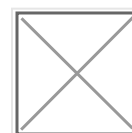
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Monoclonal
Clone Number	BLR057F
Purity/Purification	Purified
Form/Format	Liquid. Whole IgG. Borate Buffered Saline (BBS) pH 8.2 with 0.1% BSA and 0.09% Sodium Azide
Concentration	10ug/ml (varies by lot)
Applicable Applications for betaActin recombinant antibody	ICC (Immunocytochemistry), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Between 1 and 50
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



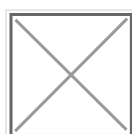
WB (Western Blot)

Detection of human and mouse beta Actin by western blot. Samples: Whole cell lysate (50 ug) from U2OS, A-549, K-562, HeLa, HEK293T, Jurkat, TCMK-1, and NIH 3T3 cells prepared using NETN lysis buffer. Antibody: Rabbit anti-beta Actin recombinant monoclonal antibody (AAA213553 lot 1) used at 1:1000. Secondary: HRP-conjugated goat anti-rabbit IgG . Detection: Chemiluminescence with an exposure time of 1 second.



IHC (Immunohistochemistry)

Detection of human beta Actin by immunohistochemistry. Sample: FFPE section of human ovarian carcinoma. Antibody: Rabbit anti-beta Actin recombinant monoclonal antibody (AAA213553 lot 1) used at 1:400. Secondary: HRP-conjugated goat anti-rabbit IgG . Substrate: DAB.



ICC (Immunocytochemistry)

Detection of human beta Actin by immunocytochemistry. Sample: FFPE section of HeLa cells. Antibody: Rabbit anti-beta Actin recombinant monoclonal antibody (AAA213553 lot 1) used at 1:200. Secondary: HRP-conjugated goat anti-rabbit IgG . Substrate: DAB.

ADDITIONAL INFORMATION

Related Product Information for betaActin recombinant antibody	Cytoskeletal beta-actin is one of six highly conserved actin isoforms that is expressed ubiquitously in eukaryotic cells. Cytoskeletal beta-actin functions to maintain cell structure and plays a role in motility.
Product Categories/Family for betaActin recombinant antibody	Primary 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	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-recombinant-antibody-clone-blr057f-immunocytochemistry-immunohistochemistry-western-blot-elisa/213553>