

beta-actin Monoclonal Antibody | anti-ACTB antibody

beta-actin Mouse Monoclonal Antibody

CATALOG # AAA266607	REACTIVITY Human, Rat, Mouse, Monkey, Dog, Chicken, Hamster, Rabbit, Pig, Sheep	APPLICATIONS Immunofluorescence, Immunohistochemistry, Western Blot
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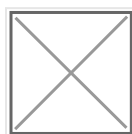
PRODUCT SYNONYMS

beta-actin; Monoclonal Antibody; beta-actin Mouse Monoclonal Antibody; anti-ACTB antibody

PRODUCT SPECIFICATIONS

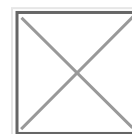
Reactivity	Human, Rat, Mouse, Monkey, Dog, Chicken, Hamster, Rabbit, Pig, Sheep
Clonality	Monoclonal
Clone Number	5B7
Specificity	Antibody can detects endogenous beta-actin protein.
Form/Format	In phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	124
Applicable Applications for anti-ACTB antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Preparation and Storage	Store at -20 degree C for 1 year

IMAGES



WB (Western Blot)

Western blot analysis of 1) 293T, 2) Mouse Kidney tissue, 3) HeLa, 4) Rat Heart tissue, 5) Rat Brain tissue with E12-166 diluted at 1:5, 000. IHC Staining of Human ovary tissue with beta-Actin mouse mAb(5B7) diluted at 1:200.



Application Data

ADDITIONAL INFORMATION

Related Product Information for anti-ACTB antibody	beta-actin is one of six different actin isoforms that have been identified. The actin molecules found in cells of various species and tissues tend to be very similar in their immunological and physical properties. Therefore, antibodies against beta-actin are useful as loading controls for Western Blotting. However it should be noted that levels of beta-actin may not be stable in certain cells. For example, expression of beta-actin in adipose tissue is very low and therefore beta-actin should not be used as loading control for these tissues.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	409905539
Molecular Weight	13,850 Da
NCBI Official Full Name	beta-actin, partial

UniProt Protein Name	Beta-actin
UniProt Gene Name	beta-actin

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/monoclonal/beta-actin-antibody-clone-5b7-immunofluorescence-immunohistochemistry-western-blot-elisa/266607>