

beta-Actin Monoclonal Antibody | anti-ACTB antibody

beta-Actin Mouse Monoclonal (6G3)Antibody

CATALOG # AAA108513	REACTIVITY Human, Rat, Mouse, Rabbit, Sheep, Pig, Chicken	APPLICATIONS Immunohistochemistry, Western Blot
-------------------------------	---	---

PRODUCT SYNONYMS

beta-Actin; Monoclonal Antibody; beta-Actin Mouse Monoclonal (6G3)Antibody; anti-ACTB antibody

PRODUCT SPECIFICATIONS

Reactivity	Human, Rat, Mouse, Rabbit, Sheep, Pig, Chicken
Clonality	Monoclonal
Isotype	IgG1
Clone Number	R6G3
Form/Format	Liquid
Sequence Length	159
Applicable Applications for anti-ACTB antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Full-length beta-Actin protein of human.
Preparation and Storage	Stable for 1 year at -20 degree C. For long term storage, Aliquot and store at -20 degree C or below. Avoid repeated freezing and thawing cycles

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry Staining of Human ovary tissue with beta -Actin mouse mAb(6G3) diluted at 1:2000.



WB (Western Blot)

Western blot analysis of Hela cell lysate(lane1), Rat brain tissue lysate(lane2) and Mouse brain tissue lysate(lane3) with beta-Actin mouse mAb(6G3) diluted at 1:5000.

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.

NCBI AND UNIPROT INFORMATION

NCBI GI #	11079222
Molecular Weight	17,739 Da
NCBI Official Full Name	beta-actin, partial

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-r6g3-immunohistochemistry-western-blot-elisa/108513>