

Mouse Actin Monoclonal Antibody

Anti-Actin antibody (monoclonal)

CATALOG # AAA44879	HOST Mouse	REACTIVITY Human, Mouse, Rat, Chicken	APPLICATIONS Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

Actin; Monoclonal Antibody; Anti-Actin antibody (monoclonal); anti-Actin antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Mouse, Rat, Chicken
Clonality	Monoclonal
Isotype	IgG2a
Clone Number	AC-40
Purity/Purification	Ascites
Form/Format	Lyophilized
Sequence Length	376
Applicable Applications for anti-Actin antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Synthetic actin C-terminal peptideSer-Gly-Pro-Ser-Ile-Val-His-Arg-Lys-Cys-Phe,attached to a Multiple Antigen Peptide (MAP) backbone.
Contents	Mouse ascites fluid, 1.2% sodium acetate, 2mg BSA, with 0.01mg NaN3 as preservative.
Reconstitution	1.2% sodium acetate or neutral PBS. If 1ml of PBS is used, the antibody concentration will be 100ug/ml.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

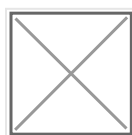
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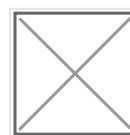
IHC (Immunohistochemistry)
Anti- Actin antibody, AAA44879, IHC(F)IHC(F): Human Placenta Tissue



IHC (Immunohistochemistry)
Anti- Actin antibody, AAA44879, IHC(F)IHC(F): Rat Spleen Tissue



IHC (Immunohistochemistry)
Anti- Actin antibody, AAA44879, IHC(F)IHC(F): Rat Intestine Tissue



IHC (Immunohistochemistry)
Anti- Actin antibody, AAA44879, IHC(F)IHC(F): Mouse Spleen Tissue



IHC (Immunohistochemistry)

Anti- Actin antibody, AAA44879, IHC(F)IHC(F): Mouse Intestine Tissue

ADDITIONAL INFORMATION

Related Product Information for anti-Actin antibody

Description: Mouse IgG monoclonal antibody for Actin detection. Tested with WB, IHC-F, ICC in Human, mouse, rat, chicken. No cross reactivity with other proteins. Uniprot ID: P68133

Background: Actin, a highly conserved protein, is a major component of both the cytoskeletal and contractile structures in the cell types. It varies in amount, being related to the type of differentiation and to the functional state of cells and tissues. The actins exhibit over 90% sequence homology, but each isoform has a unique NH₂-terminal sequence. The isoforms are comprised of three alpha-actin, one beta-actin, two gamma-actin. Because the amino acid sequence of the C-terminal is the same for almost all actins, this antibody has been raised using a synthetic peptide corresponding to the C-terminal 11 residues.

NCBI AND UNIPROT INFORMATION

NCBI GI #	156695
Molecular Weight	42,174 Da
NCBI Official Full Name	actin
UniProt Protein Name	Actin
UniProt Entry Name	ACT_CRYPV

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/actin-antibody-clone-ac-40-immunohistochemistry-western-blot-elisa/44879>