

Mouse Alpha cardiac actin Monoclonal Antibody

anti- Alpha cardiac actin-specific antibody

CATALOG # AAA17777	HOST Mouse	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Western Blot, Immunohistochemistry, Immunofluorescence
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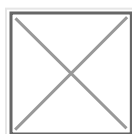
PRODUCT SYNONYMS

Alpha cardiac actin; Monoclonal Antibody; anti- Alpha cardiac actin-specific antibody; ACTC; ACTC1; ACTC1 cardiac muscle 1; ACTC1 specific; Actin cardiac muscle specific; Actin; alpha cardiac muscle 1; actin; alpha; cardiac muscle 1; CMD1R; CMH11.; anti-Alpha cardiac actin antibody

PRODUCT SPECIFICATIONS

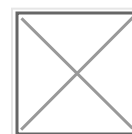
Host	Mouse
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Isotype	IgG1
Clone Number	1A1
Purity/Purification	Purification: Protein A+G purification Purity: ≥95% as determined by SDS-PAGE
Form/Format	Liquid; PBS with 0.02% sodium azide and 50% glycerol pH 7.3
Applicable Applications for anti-Alpha cardiac actin antibody	ELISA, WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence)
Application Notes	WB: 1:2000-1:10000 IHC: 1:100-1:400 IF: 1:50-1:500
Immunogen	actin, alpha, cardiac muscle 1
Preparation and Storage	Store at -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

IMAGES



SDS-PAGE

human heart tissue were subjected to SDS PAGE followed by western blot with AAA17777 (Actin cardiac actin-Specific antibody) at dilution of 1:5000



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human heart using AAA17777 (Actin cardiac actin-Specific antibody) at dilution of 1:100

ADDITIONAL INFORMATION

Related Product Information for anti-Alpha cardiac actin antibody

Actins are highly conserved proteins that are involved in various types of cell motility and are ubiquitously expressed in all eukaryotic cells. The ACTC1 gene encodes cardiac muscle alphaactin, the predominant actin isoform in adult heart, which interacts with a variety of proteins to produce the force for muscle contraction. This antibody is specific to the ACTC1. It does not cross-react with other actin isoforms.

NCBI AND UNIPROT INFORMATION

UniProt Accession #	P68032
Molecular Weight	42 kDa

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/alpha-cardiac-actin-antibody-clone-1a1-western-blot-immunohistochemistry-immunofluorescence-elisa/17777>