

Rabbit anti-Human SMMHC/MYH11 Monoclonal Antibody | anti-MYH11 antibody

SMMHC/MYH11 Rabbit mAb

CATALOG # AAA282954	HOST Rabbit	REACTIVITY Human	APPLICATIONS ELISA, Western Blot
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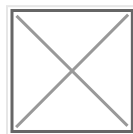
PRODUCT SYNONYMS

SMMHC/MYH11; Monoclonal Antibody; SMMHC/MYH11 Rabbit mAb; AAT4; FAA4; SMHC; SMMHC; VSCM2; SMMS-1; anti-MYH11 antibody

PRODUCT SPECIFICATIONS

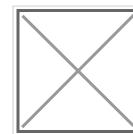
Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.05% proclin300, 0.05% BSA, 50% glycerol, pH7.3.
Sequence	DSTATQQELR AKREQEVTVL KKALDEETRS HEAQVQEMRQ KHAQAVEELT EQLEQFKRAK ANLDKNKQTL EKENADLAGE LRVLGQAKQE VEHKKKKLEA QVQELQSKCS DGERARAELN DKVHKLQNEV ESVTGMLNEA EGKAIKLAKD VASL
Applicable Applications for anti-MYH11 antibody	ELISA, WB (Western Blot)
Cross Reactivity	Human, Mouse, Rat
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 1160-1313 of human SMMHC/MYH11 (NP_002465.1).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



WB (Western Blot)

Western blot analysis of lysates from A375 cells, using SMMHC/MYH11 Rabbit mAb (AAA282954) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 90s.



WB (Western Blot)

Western blot analysis of various lysates, using SMMHC/MYH11 Rabbit mAb (AAA282954) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 10s.

ADDITIONAL INFORMATION

Related Product Information for anti-MYH11 antibody

The protein encoded by this gene is a smooth muscle myosin belonging to the myosin heavy chain family. The gene product is a subunit of a hexameric protein that consists of two heavy chain subunits and two pairs of non-identical light chain subunits. It functions as a major contractile protein, converting chemical energy into mechanical energy through the hydrolysis of ATP. A chromosomal rearrangement involving this gene is associated with acute myeloid leukemia of the M4Eo subtype. Mutations in this gene are associated with visceral myopathy, megacystis-microcolon-intestinal hypoperistalsis syndrome 2, and familial thoracic aortic aneurysm 4.

Product Categories/Family for anti-MYH11 antibody	Signal Transduction; Cell Biology Developmental Biology; Cytoskeleton; Motor Proteins; Stem Cells; Cardiovascular; Heart; Contractility; Antibodies
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NCBI AND UNIPROT INFORMATION

NCBI GI #	13432177
NCBI GeneID	4629
UniProt Accession #	P35749; O00396; O94944; P78422; Q3MIV8; Q3MNF0; Q3MNF1; D2JYH7
Molecular Weight	Calculated MW: 227kDa Observed MW: 251kDa
UniProt Protein Name	Myosin-11
UniProt Gene Name	MYH11
UniProt Synonym Gene Names	KIAA0866
UniProt Entry Name	MYH11_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/smmhc-myh11-antibody-western-blot-elisa/282954>