

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

Recombinant Anti-MYH11 Antibody, Rabbit Monoclonal

CATALOG # AAA254268	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry
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PRODUCT SYNONYMS

MYH11; Monoclonal Antibody; Recombinant Anti-MYH11 Antibody; Rabbit Monoclonal; MYH11 Antibody; Rabbit MAb; myosin; heavy polypeptide 11; smooth muscle; Anti-AAT4 Antibody; Anti-FAA4 Antibody; Anti-SMHC Antibody; Anti-SMMHC Antibody; anti-MYH11 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	Rabbit IgG
Clone Number	160
Specificity	Human MYH11
Purity/Purification	Protein A
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-MYH11 antibody	IHC (Immunohistochemistry)
Antibody Type	Recombinant Antibody
Immunogen	A synthetic peptide corresponding to the center region of the Human MYH11
Conjugation	Unconjugated
Preparation	This antibody was obtained from a rabbit immunized with a synthetic peptide corresponding to the center region of the Human MYH11. The IgG fraction of the cell culture supernatant was purified by Protein A affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunochemical staining of human MYH11 in human smooth muscle with rabbit monoclonal antibody (1:200, formalin-fixed paraffin embedded sections).



IHC (Immunohistochemistry)

Immunochemical staining of human MYH11 in human prostate with rabbit monoclonal antibody (1:200, formalin-fixed paraffin embedded sections).

ADDITIONAL INFORMATION

Related Product Information for anti-MYH11 antibody	The MYH11 gene may be related to cell migration and adhesion, intracellular transport, and signal transduction. MYH11 functions as a contractile protein, converting chemical energy into mechanical energy through adenosine triphosphate hydrolysis. MYH11 (also known as SMMHC) encodes the smooth-muscle myosin heavy chain, which has a key role in smooth muscle contraction. Inversion at the MYH11 locus is one of the most frequent chromosomal aberrations found in acute myeloid leukemia. Mutations in myosin heavy chain (MYH11) cause autosomal dominant inheritance of thoracic aortic aneurysms and dissections. At the same time, rare, nonsynonymous variants in MYH11 that are predicted to disrupt protein function but do not cause inherited aortic disease are common in the general population. The human smooth muscle myosin heavy chain locus (MYH11) was mapped by fluorescence in situ hybridization to the middle of the p arm of chromosome 16 using a genomic cosmid clone containing coding sequences of the gene as probe.
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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	1972
NCBI Official Full Name	Myosin-11
NCBI Official Synonym Full Names	myosin, heavy chain 11, smooth muscle
NCBI Official Symbol	MYH11
NCBI Official Synonym Symbols	AAT4; FAA4; SMHC; SMMHC
NCBI Protein Information	myosin-11; myosin heavy chain 11; myosin heavy chain, smooth muscle isoform; myosin, heavy polypeptide 11, smooth muscle
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/myh11-antibody-clone-160-immunohistochemistry-elisa/254268>