

Rabbit anti-Human, Rat Smooth Muscle Myosin Heavy Chain 11 Monoclonal Antibody | anti-MYH11 antibody

Smooth Muscle Myosin Heavy Chain 11 Antibody

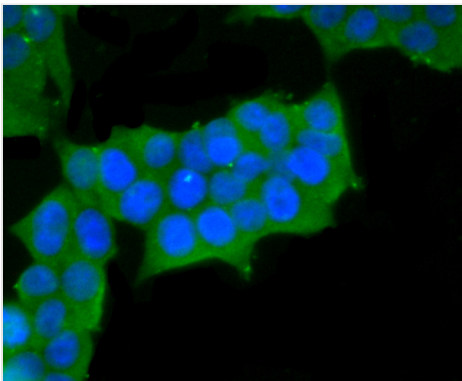
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA30355	Rabbit	Human, Rat	Western Blot, Immunohistochemistry, Immunocytochemistry, Immunofluorescence

PRODUCT SYNONYMS

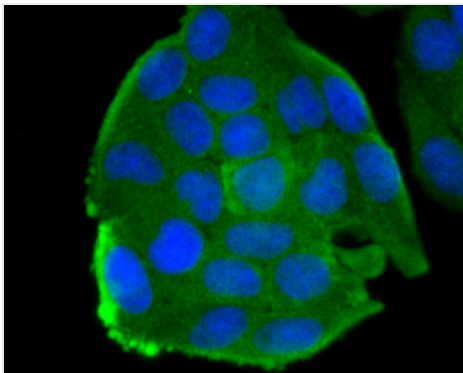
Smooth Muscle Myosin Heavy Chain 11; Monoclonal Antibody; Smooth Muscle Myosin Heavy Chain 11 Antibody; AAT4 antibody; DKFZp686D10126 antibody; DKFZp686D19237 antibody; FAA4 antibody; FLJ35232 antibody; MGC126726 antibody; MGC32963 antibody; MYH 11 antibody; MYH11 antibody; MYH11_HUMAN antibody; Myosin 11 antibody; Myosin heavy chain 11 antibody; Myosin heavy chain 11 smooth muscle antibody; Myosin heavy chain antibody; Myosin heavy chain smooth muscle isoform antibody; Myosin heavy polypeptide 11 smooth muscle antibody; Myosin-11 antibody; SMHC antibody; SMMHC antibody; smooth muscle isoform antibody; Smooth muscle myosin heavy chain 11 isoform SM2 antibody; Smooth muscle myosin heavy chain isoform SM2 antibody; anti-MYH11 antibody

PRODUCT SPECIFICATIONS

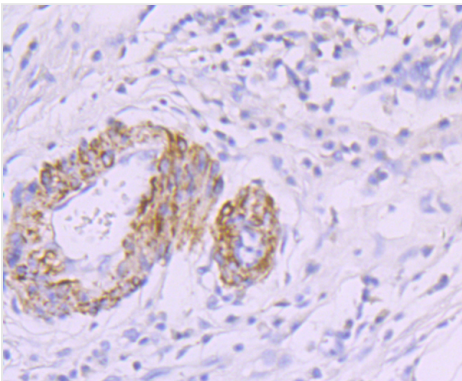
Host	Rabbit
Reactivity	Human, Rat
Clonality	Monoclonal
Clone Number	JA03-35
Purity/Purification	ProA affinity purified
Form/Format	1*TBS (pH7.4), 1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-MYH11 antibody	WB (Western Blot), IHC (Immunohistochemistry), ICC (Immunocytochemistry), IF (Immunofluorescence)
Application Notes	WB: 1:500-1:1000 IHC: 1:50-1:200 ICC: 1:50-1:200 FC/FACS: 1:50-1:100
Antibody Type	Recombinant Antibody
Immunogen	Recombinant protein
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.



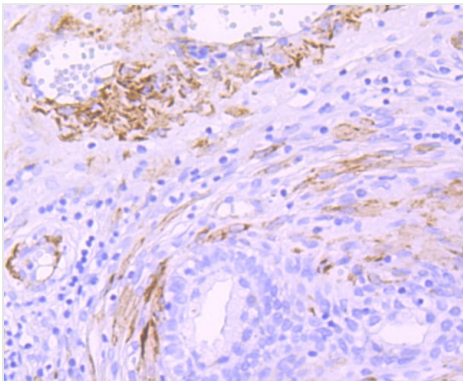
ICC (Immunocytochemistry)
ICC staining smooth muscle Myosin heavy chain 11 in 293T cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



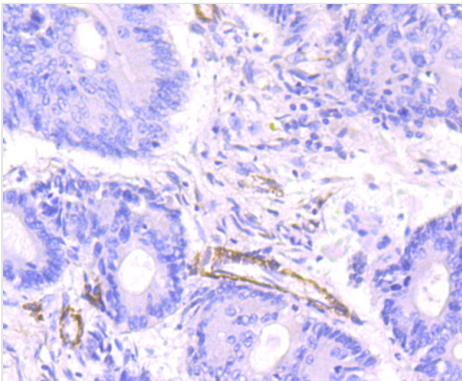
ICC (Immunocytochemistry)
ICC staining smooth muscle Myosin heavy chain 11 in Hela cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



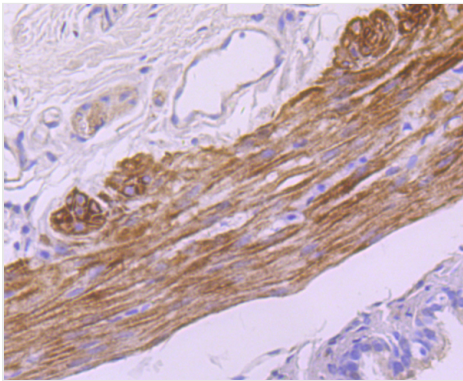
IHC (Immunohistochemistry)
Immunohistochemical analysis of paraffin-embedded human stomach cancer tissue using anti-smooth muscle Myosin heavy chain 11 antibody. Counter stained with hematoxylin.



IHC (Immunohistochemistry)
Immunohistochemical analysis of paraffin-embedded human prostate tissue using anti-smooth muscle Myosin heavy chain 11 antibody. Counter stained with hematoxylin.



IHC (Immunohistochemistry)
Immunohistochemical analysis of paraffin-embedded human colon tissue using anti-smooth muscle Myosin heavy chain 11 antibody. Counter stained with hematoxylin.



IHC (Immunohistochemistry)
Immunohistochemical analysis of paraffin-embedded rat trachea tissue using anti-smooth muscle Myosin heavy chain 11 antibody. Counter stained with hematoxylin.

ADDITIONAL INFORMATION

Related Product Information for anti-MYH11 antibody

Myosin is a highly conserved, ubiquitously expressed protein that interacts with Actin to generate the force for cellular movements. Conventional Myosins are hexameric proteins consisting of two heavy chain subunits, a pair of non-phosphorylatable light chain subunits and a pair of phosphorylatable light chain subunits, which is expressed by my calcium and calmodulin-dependent phosphorylation of Myosin light chain (MLC) Myosin heavy chains, encoded by the MYH gene family, contain Actin-activated ATPase activity which generates the motor function of Myosin. Myosin heavy chains were initially isolated from a human fetal skeletal muscle and are the major determinant in the Speed of contraction of skeletal muscle. Various isoforms of myosin heavy chains are differentially expressed depending on the functional activity of the muscle.

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/monoclonal/smooth-muscle-myosin-heavy-chain-11-antibody-clone-ja03-35-western-blot-immunohistochemistry-immunocytochemistry-immunofluorescence-elisa/30355>