

Mouse alpha-Smooth Muscle Actin Monoclonal Antibody | anti-ACTA2 antibody

alpha-Smooth Muscle Actin Mouse mAb

CATALOG # AAA276840	HOST Mouse	REACTIVITY Human, Rat, Mouse	APPLICATIONS Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

alpha-Smooth Muscle Actin; Monoclonal Antibody; alpha-Smooth Muscle Actin Mouse mAb; AAT6 antibody; ACTA2 antibody; alpha actin 2 antibody; GIG46 antibody; ACTSA antibody; ACTVS antibody; anti-ACTA2 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Rat, Mouse
Clonality	Monoclonal
Isotype	IgG1
Form/Format	PBS with 0.02% sodium azide and 50% glycerol pH7.4.
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-ACTA2 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Species	Human
Immunogen	Synthetic Peptide
Preparation and Storage	Store at -20 degree C. Avoid repeated freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Mouse Cecal Tissue using alpha-Smooth Muscle Actin (EM1177) Mouse mAb diluted at 1:500.



WB (Western Blot)

Western blot analysis of 1) Hela, 2) 3T3, 3) Rat Brain with alpha-Smooth Muscle Actin Mouse mAb EM1177 diluted at 1:1,000,000.

ADDITIONAL INFORMATION

Related Product Information for anti-ACTA2 antibody	Actin is a globular multi-functional protein that forms microfilaments. ACTA2 codes for an alpha-actin located in the smooth muscle, and also in vascular smooth muscle.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	119570540
NCBI GeneID	59
UniProt Accession #	P62736; P03996; P04108; Q6FI19; B2R8A4
Molecular Weight	42,009 Da

NCBI Official Full Name	actin, alpha 2, smooth muscle, aorta, isoform CRA_a
NCBI Official Synonym Full Names	actin, alpha 2, smooth muscle, aorta
NCBI Official Symbol	ACTA2
NCBI Official Synonym Symbols	AAT6; ACTSA; MYMY5
NCBI Protein Information	actin, aortic smooth muscle; alpha-cardiac actin; cell growth-inhibiting gene 46 protein
UniProt Protein Name	Actin, aortic smooth muscle
UniProt Gene Name	ACTA2
UniProt Synonym Gene Names	ACTSA; ACTVS
UniProt Entry Name	ACTA_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/alpha-smooth-muscle-actin-antibody-immunohistochemistry-western-blot-elisa/276840>