

Mouse alpha-SMA Monoclonal Antibody | anti-ACTA2 antibody

alpha-SMA Monoclonal Antibody

CATALOG # AAA300822	HOST Mouse	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

alpha-SMA; Monoclonal Antibody; alpha-SMA Monoclonal Antibody; a-SMA Monoclonal Antibody; anti-ACTA2 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Specificity	The antibody detects endogenous a-SMA protein.
Purity/Purification	The antibody was affinity-purified from antiserum by affinity-chromatography
Form/Format	Liquid in PBS containing 50% glycerol, 0.5 BSA and 0.02% sodium azide
Concentration	1 mg/ml (varies by lot)
Sequence Length	377
Applicable Applications for anti-ACTA2 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	peptide
Immunogen Description	Synthetic Peptide
Target Name	a-SMA
Preparation and Storage	Store at -20°C.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Mouse Cecal Tissue using a-SMA Monoclonal Antibody.



WB (Western Blot)

Western blot analysis of 1) Hela, 2) 3T3, 3) Rat Brain using a-SMA Monoclonal Antibody.

ADDITIONAL INFORMATION

Product Categories/Family for anti-ACTA2 antibody	Total protein Ab
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NCBI AND UNIPROT INFORMATION

NCBI GI #	213688375
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NCBI GeneID	59
NCBI Accession #	NP_001135417.1
NCBI GenBank Nucleotide #	NM_001141945.1
UniProt Accession #	P62736; P03996; P04108; Q6FI19; B2R8A4
Molecular Weight	SDS-PAGE MW: 42kd
NCBI Official Full Name	actin, aortic smooth muscle
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
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.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/alpha-sma-antibody-immunohistochemistry-western-blot-elisa/300822>