

Mouse alpha-SMA Monoclonal Antibody | anti-alpha-SMA antibody

alpha-SMA Monoclonal Antibody (6A12)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA293643	Mouse	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot

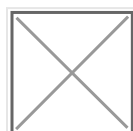
PRODUCT SYNONYMS

alpha-SMA; Monoclonal Antibody; alpha-SMA Monoclonal Antibody (6A12); ACTA2; ACTSA; ACTVS; GIG46; Actin; aortic smooth muscle; Alpha-actin-2; Cell growth-inhibiting gene 46 protein; anti-alpha-SMA antibody

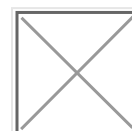
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Clone Number	6A12
Applicable Applications for anti-alpha-SMA antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

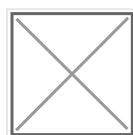
IMAGES


WB (Western Blot)

Dilution: WB: 1:10000-100000 IF 1:200 IHC:1:1000-2000


IF (Immunofluorescence)

Dilution: WB: 1:10000-100000 IF 1:200 IHC:1:1000-2000


IF (Immunofluorescence)

Dilution: WB: 1:10000-100000 IF 1:200 IHC:1:1000-2000

ADDITIONAL INFORMATION

Related Product Information for anti-alpha-SMA antibody	Actins are highly conserved proteins that are involved in various types of cell motility and are ubiquitously expressed in all eukaryotic cells.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	119570540
NCBI GeneID	59
UniProt Accession #	P62736; P03996; P04108; Q6F119; 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.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/alpha-sma-antibody-clone-6a12-immunofluorescence-immunohistochemistry-western-blot-elisa/293643>