

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

alpha-SMA Monoclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA173647	Mouse	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Isotype	IgG
Clone Number	2E2
Purity/Purification	Protein A Purification
Concentration	1mg/mL (varies by lot)
Sequence Length	377
Applicable Applications for anti-alpha-SMA antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Synthetic Peptide
Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.4
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze / thaw cycles.

IMAGES



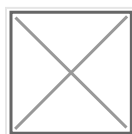
IF (Immunofluorescence)

Immunofluorescence analysis of Mouse liver tissue using alpha-SMA Monoclonal Antibody at dilution of 1:200.



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Rat kidney tissue using alpha-SMA Monoclonal Antibody at dilution of 1:200.



WB (Western Blot)

Western Blot analysis of 1) HeLa, 2) 3T3, 3) Rat brain with alpha-SMA Monoclonal Antibody.

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 #	213688375
NCBI GeneID	59
NCBI Accession #	NP_001135417.1
NCBI GenBank Nucleotide #	NM_001141945.2
UniProt Accession #	P62736; P03996; P04108; Q6FI19; B2R8A4
Molecular Weight	42kDa
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	ACTSA
NCBI Protein Information	actin, aortic smooth muscle
UniProt Protein Name	Actin, aortic smooth muscle
UniProt Gene Name	ACTA2
UniProt Synonym Gene Names	ACTSA; ACTVS

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.