

Mouse Actin Monoclonal Antibody

Actin antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA106570	Mouse	Human, Bovine, Equine, Rat, Mouse, Chicken	Western Blot, Immunohistochemistry, Immunofluorescence

PRODUCT SYNONYMS

Actin; Monoclonal Antibody; Actin antibody; Monoclonal Actin; Anti-Actin; beta Actin; ACTB; Smooth Muscle Actin; b-actin; beta-actin; anti-Actin antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Bovine, Equine, Rat, Mouse, Chicken
Clonality	Monoclonal
Isotype	IgG2a
Clone Number	ASM-1
Specificity	Smooth Muscle
Form/Format	Ready-to-use- solution in PBS, pH 7.4 with 0.09% NaN3 and 0.5% BSA.
Sequence Length	377
Applicable Applications for anti-Actin antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence)
Biological Significance	Actin is a globular, roughly 42-kDa moonlighting protein found in all eukaryotic cells (the only known exception being nematode sperm) where it may be present at concentrations of over 100 uM. It is also one of the most highly-conserved proteins, differing by no more than 20% in species as diverse as algae and humans. Actin is the monomeric subunit of two types of filaments in cells: microfilaments, one of the three major components of the cytoskeleton, and thin filaments, part of the contractile apparatus in muscle cells.
Cross-Reactivity	Bovine, Equine, Rat, Mouse, Chicken, Human
Immunogen	Synthetic N-terminus decapeptide of alpha-smooth-muscle isoform of actin.
Preparation and Storage	SShips ambient or refrigerated. Upon receipt store at 4 degree C.

ADDITIONAL INFORMATION

Related Product Information for anti-Actin antibody	Mouse monoclonal Actin antibody
Product Categories/Family for anti-Actin antibody	Cell Biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	33415844
Molecular Weight	41,978 Da
NCBI Official Full Name	smooth muscle actin
UniProt Protein Name	Smooth muscle actin

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/actin-antibody-clone-asm-1-western-blot-immunohistochemistry-immunofluorescence-elisa/106570>