

Mouse a-actinin Monoclonal Antibody | anti-ACTN1 antibody

a-actinin (4A12) Mouse mAb

CATALOG # AAA276873	HOST Mouse	REACTIVITY Human, Rat, Mouse	APPLICATIONS Immunohistochemistry
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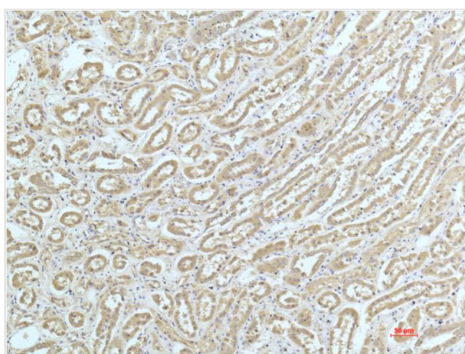
PRODUCT SYNONYMS

a-actinin; Monoclonal Antibody; a-actinin (4A12) Mouse mAb; actinin 1 smooth muscle antibody; actinin alpha 1 antibody; ACTN 1 antibody; FLJ40884 antibody; anti-ACTN1 antibody

PRODUCT SPECIFICATIONS

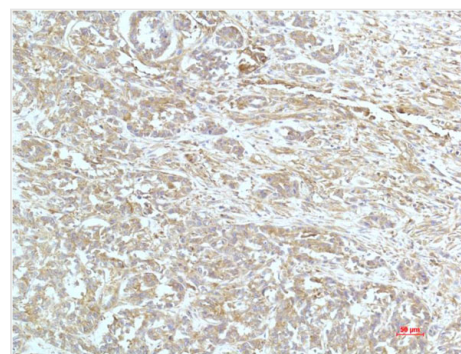
Host	Mouse
Reactivity	Human, Rat, Mouse
Clonality	Monoclonal
Isotype	IgG1
Form/Format	PBS with 0.02% sodium azide and 50% glycerol pH7.4.
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-ACTN1 antibody	IHC (Immunohistochemistry)
Species	Human
Immunogen	Recombinant Protein
Preparation and Storage	Store at -20 degree C. Avoid repeated freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Human Kidney Tissue using a-actinin(EM1261)Mouse mAb diluted at 1:200.



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Human Breast Carcinoma Tissue using a-actinin (EM1261) Mouse mAb diluted at 1:200.

ADDITIONAL INFORMATION

Related Product Information for anti-ACTN1 antibody

alpha-Actinin belongs to the spectrin family of cytoskeletal proteins. alpha-Actinin is necessary for the attachment of actin filaments to the Z-lines in skeletal muscle cells, and to the dense bodies in smooth muscle cells. The functional protein is an anti-parallel dimer, which cross-links the thin filaments in adjacent sarcomeres, and therefore coordinated contractions between sarcomeres in the horizontal axis.

Product Categories/Family for anti-
ACTN1 antibody

Cell junction; Cell membrane; Cell projection; Cytoplasm; Cytoskeleton; Membrane

NCBI AND UNIPROT INFORMATION

NCBI GI #	4501891
NCBI GeneID	87
NCBI Accession #	NP_001093.1
NCBI GenBank Nucleotide #	NM_001102.3
UniProt Accession #	P12814; Q1HE25; Q9BTN1; B3V8S3; B4DHH3
Molecular Weight	103,058 Da
NCBI Official Full Name	alpha-actinin-1 isoform b
NCBI Official Synonym Full Names	actinin, alpha 1
NCBI Official Symbol	ACTN1
NCBI Official Synonym Symbols	BDPLT15
NCBI Protein Information	alpha-actinin-1; actinin 1 smooth muscle; non-muscle alpha-actinin-1; F-actin cross-linking protein; alpha-actinin cytoskeletal isoform
UniProt Protein Name	Alpha-actinin-1
UniProt Gene Name	ACTN1
UniProt Entry Name	ACTN1_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/a-actinin-antibody-immunohistochemistry-elisa/276873>