

Mouse anti-Human MYL4 Monoclonal Antibody | anti-MYL4 antibody

MYL4 antibody

CATALOG # AAA48130	HOST Mouse	REACTIVITY Human	APPLICATIONS Western Blot, ELISA
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PRODUCT SYNONYMS

MYL4; Monoclonal Antibody; MYL4 antibody; Myosin light chain 4; Myosin; light chain 4; ALC1; AMLC; GT1; anti-MYL4 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG2a,k
Clone Number	AT4E8
Purity/Purification	By protein-A affinity chromatography
Form/Format	Liquid. In phosphate-buffered saline (pH 7.4) with 0.02% Sodium Azide, 10% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	197
Applicable Applications for anti-MYL4 antibody	WB (Western Blot), ELISA
Immunogen	Recombinant human MYL4 (1-197aa) purified from E. coli
Preparation and Storage	Can be stored at 4 degree C. For long term storage, aliquot and store at -20 degree C. Avoid repeated freezing and thawing cycles.

IMAGES



WB (Western Blot)

The cell lysates (40ug) were resolved by SDS-PAGE, transferred to PVDF membrane and probed with anti-human MYL4 antibody (1:1000). Proteins were visualized using a goat anti-mouse secondary antibody conjugated to HRP and an ECL detection system. Lane 1.: HeLa cell lysate Lane 2.: HepG2 cell lysate Lane 3.: K562 cell lysate Lane 4.: MCF7 cell lysate Lane 5.: Jurkat cell lysate Lane 6.: 293T cell lysate Lane 7.: LnCap cell lysate

ADDITIONAL INFORMATION

Related Product Information for anti-MYL4 antibody

Myosin light chain 4 is a protein that in humans is encoded by the MYL4 gene. Myosin is a hexameric ATPase cellular motor protein. It is composed of two myosin heavy chains, two nonphosphorylatable myosin alkali light chains, and two phosphorylatable myosin regulatory light chains. This gene encodes a myosin alkali light chain that is found in embryonic muscle and adult atria. Two alternatively spliced transcript variants encoding the same protein have been found for this gene.

Product Categories/Family for anti-MYL4 antibody	Cytoskeleton
References	Kurabayashi, M., et al. (1998) J Biol Chem 263 (27): 13930-6; Rotter, M., et al. (1991) Nucleic Acids Res 19 (7): 1497-504;

NCBI AND UNIPROT INFORMATION

NCBI GI #	50845428
NCBI GeneID	4635
NCBI Accession #	NP_001002841
NCBI GenBank Nucleotide #	NM_001002841.1
UniProt Accession #	P12829; P11783; D3DXJ7
NCBI Official Full Name	myosin light chain 4
NCBI Official Synonym Full Names	myosin light chain 4
NCBI Official Symbol	MYL4
NCBI Official Synonym Symbols	GT1; ALC1; AMLC; PRO1957
NCBI Protein Information	myosin light chain 4
UniProt Protein Name	Myosin light chain 4
UniProt Gene Name	MYL4
UniProt Synonym Gene Names	MLC1

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
 Online datasheet: <https://stage.aaabiotech.com/monoclonal/myl4-antibody-clone-at4e8-western-blot-elisa/48130>