



MYH4 Mouse mAb

Catalog No	YP-mAb-03157
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB
Gene Name	MYH4
Protein Name	Myosin-4
Immunogen	The antiserum was produced against synthesized peptide derived from human MYH4. AA range:1677-1726
Specificity	MYH4 Polyclonal Antibody detects endogenous levels of MYH4 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	MYH4; Myosin-4; Myosin heavy chain 2b; MyHC-2b; Myosin heavy chain 4; Myosin heavy chain IIb; MyHC-IIb; Myosin heavy chain; skeletal muscle, fetal
Calculated Molecular Weight	223kD
Cell Pathway	Cytoplasm, myofibril. Thick filaments of the myofibrils.
Tissue Specificity	Skeletal muscle,
Function	domain:The rodlike tail sequence is highly repetitive, showing cycles of a 28-residue repeat pattern composed of 4 heptapeptides, characteristic for alpha-helical coiled coils.,function:Muscle contraction.,miscellaneous:Each myosin heavy chain can be split into 1 light meromyosin (LMM) and 1 heavy meromyosin (HMM). It can later be split further into 2 globular subfragments (S1) and 1 rod-shaped subfragment (S2).,similarity:Contains 1 IQ domain.,similarity:Contains 1 myosin head-like domain.,subcellular location:Thick filaments of the myofibrils.,subunit:Muscle myosin is a hexameric protein that consists of 2 heavy chain subunits (MHC), 2 alkali light chain subunits (MLC) and 2 regulatory light chain subunits (MLC-2).,
Background	domain:The rodlike tail sequence is highly repetitive, showing cycles of a 28-residue repeat pattern composed of 4 heptapeptides, characteristic for alpha-helical coiled coils.,function:Muscle contraction.,miscellaneous:Each



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matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images

