



## MYH-pan Monoclonal Antibody

Catalog No         BYmab-03233           Isotype         IgG           Reactivity         Human;Mouse;Rat           Applications         WB           Gene Name         MYH1/MYH2/MYH3/PTPRJ/MYH6/MYH7/MYH8           Protein Name         Myosin-1/Myosin-2/Myosin-3/Receptor-type tyrosine-protein phosphatase ela/Myosin-6/Myosin-7/Myosin-8           Immunogen         The antiserum was produced against synthesized peptide derived from human MYH-pan around the non-acetylation site of Lys1394. AA range:1351-1400           Specificity         MYH-pan Monoclonal Antibody detects endogenous levels of MYH-pan protein only when acetylation at K1394.           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         MYH1; Myosin-1; Myosin heavy chain 1; Myosin heavy chain 2x; MyHC-2x; Myosin heavy chain 2x; MyHC-1a; Myusin heavy chain 12; MyHSBA2; Myosin-2; Myosin heavy chain 12; MyHSBA2; Myosin-2; Myosin heavy chain 11a; MyHC-1la; Myosin heavy chain 11a; MyHC-1la; Myosin heavy chain 12; MyHSBA2; Myosin-2; Myosin heavy chain 11a; MyHC-1la; Myosin heavy chain 13; MyHSBA		
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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       MYH1; Myosin-1; Myosin heavy chain 1; Myosin heavy chain 2x; MyHC-2x; Myosin heavy chain Ilx/d; MyHC-Ilx/d; Myosin heavy chain, skeletal muscle, adult 1; MYH2; MYHSA2; Myosin-2; Myosin heavy chain 2Myosin heavy chain 1a; MyHC-Ila; Myosin heavy chain, skeletal muscle, adult 2; MYH3; Myosin-3; Muscle embryonic myosin heavy chain; Myosin heavy chain 3         Observed Band       225kD         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 colled coils. (Junction:Muscle contraction, miscellaneous:Each	Specificity	MYH-pan Monoclonal Antibody detects endogenous levels of MYH-pan protein only when acetylation at K1394.
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Cell Pathway  Cytoplasm, myofibril. Thick filaments of the myofibrils.  Tissue Specificity  Skeletal muscle,  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 coilsfunction:Muscle contractionmiscellaneous:Each	Synonyms	Myosin heavy chain IIx/d; MyHC-IIx/d; Myosin heavy chain, skeletal muscle, adult 1; MYH2; MYHSA2; Myosin-2; Myosin heavy chain 2Myosin heavy chain 2; Myosin heavy chain 2a; MyHC-2a; Myosin heavy chain IIa; MyHC-IIa; Myosin heavy chain, skeletal muscle, adult 2; MYH3; Myosin-3; Muscle embryonic
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Nanjing BYabscience technology Co.,Ltd



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	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	Myosin is a major contractile protein which converts chemical energy into mechanical energy through the hydrolysis of ATP. Myosin is a hexameric protein composed of a pair of myosin heavy chains (MYH) and two pairs of nonidentical light chains. Myosin heavy chains are encoded by a multigene family. In mammals at least 10 different myosin heavy chain (MYH) isoforms have been described from striated, smooth, and nonmuscle cells. These isoforms show expression that is spatially and temporally regulated during development. [provided by RefSeq, Jul 2008],
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.

## Western Blot analysis of various cells using MYH-pan Monoclonal Antibody Western Blot analysis of various cells using MYH-pan Monoclonal Antibody

Nanjing BYabscience technology Co.,Ltd

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