

Anti-Myosin(Skeletal, Fast) Antibody (Monoclonal, MY-32)

Catalog # ABO10451

Product Information

Application	WB, IHC-P
Primary Accession	I6L963
Host	Mouse
Isotype	Mouse IgG1
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Format	Lyophilized
Description	Mouse IgG monoclonal antibody for Myosin (Skeletal, Fast), myosin, heavy chain 1, skeletal muscle, adult; myosin, heavy chain 2, skeletal muscle, adult (MYH1; MYH2) detection. Tested with WB, IHC-P in Human;mouse;rat;rabbit. No cross reactivity with other proteins.
Reconstitution	Add 1ml of PBS buffer will yield a concentration of 100ug/ml.

Additional Information

Calculated MW	183084 Da
Application Details	Immunohistochemistry(Paraffin-embedded Section), 1.5-2 μ g/ml, Human, mouse, rabbit, rat, By Heat Western blot, 1-2 μ g/ml, Human, mouse, rabbit, rat
Subcellular Localization	MYH1: Cytoplasm, myofibril. Note: Thick filamentsof the myofibrils. Myh1: Cytoplasm, myofibril. Note: Thick filamentsof the myofibrils. MYH2: Cytoplasm, myofibril. Note: Thick filamentsof the myofibrils.
Protein Name	Myosin-1; Myosin-2
Contents	Mouse ascites fluid, 1.2% sodium acetate, 2mg BSA, with 0.01mg NaN ₃ as preservative.
Clone Names	MY-32
Immunogen	Rabbit muscle myosin.
Purification	Ascites
Cross Reactivity	No cross reactivity with other proteins
Storage	At -20 °C for one year. After r ° Constitution, at 4 °C for one month. It ° Can also be aliquotted and stored frozen at -20 °C for a longer time.Avoid repeated freezing and thawing.
Sequence Similarities	Belongs to the TRAFAC class myosin-kinesin ATPase superfamily. Myosin

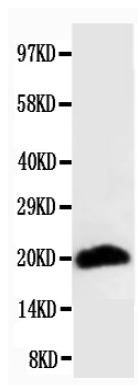
family.

Protein Information

Background

Myosin is composed of 2 heavy chains of about 200,000 daltons each and 4 light chains of about 20,000 daltons each. The light chains are of 2 distinct types: the phosphorylatable, regulatory, or MLC2 type, and the nonphosphorylatable, alkali, or MLC1 and MLC3 types(MYL1 according to the HGM symbols). Skeletal Myosin(Fast),, also known as MYL1, mapped to the region 2q32.1-qter.

Images



Anti-Myosin(Skeletal, Fast) antibody (monoclonal),
ABO10451, Western blottingWB: Rat Skeletal Muscle
Tissue Lysate

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.