BOSTER BIOLOGICAL TECHNOLOGY
3942 B Valley Ave, Pleasanton, CA 94566
888-466-3604 | support@bosterbio.com | www.bosterbio.com

Anti-Myosin (Skeletal, Slow) Antibody (Monoclonal, 31M03)

Catalog Number: M00697

About Myh7

Myosin is composed of 2 heavy chains of about 200,000 daltons each and 4 light chains of about 20,000 daltons each. Skeletal Myosin (slow),, also known as light chain 3 (MYL3), mapped to 3p. Fodor et al. (1989) found that the MYL3 gene has 7 exons, the last of which is completely untranslated 3-prime sequence.

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Overview

Product Name	Anti-Myosin (Skeletal, Slow) Antibody (Monoclonal, 31M03)
Reactive Species	Human, Monkey, Mouse, Rabbit, Rat
Description	Boster Bio Anti-Myosin (Skeletal, Slow) Myh7 Antibody (Monoclonal, 31M03) catalog # M00697. Tested in IHC, WB applications. This antibody reacts with Human, Monkey, Mouse, Rat, Rabbit.
Application	IHC, WB
Clonality	Monoclonal 31M03
Formulation	Mouse IgG in stabilizing components, 1.2% sodium acetate and 0.01mg NaN3. This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required.
Storage Instructions	Store at -20˚C for one year from date of receipt. After reconstitution, at 4˚C for one month. It can also be aliquotted and stored frozen at -20˚C for six months. Avoid repeated freeze-thaw cycles.
Host	Mouse
Uniprot ID	P12883

Technical Details

Immunogen	Human skeletal muscle myosin purified from myofibrils.
Recommended Detection Systems	Boster recommends Enhanced Chemiluminescent Kit with anti-Mouse IgG (EK1001) for Western blot, and HRP Conjugated anti-Mouse IgG Super Vision Assay Kit (SV0001-1) for IHC(P).

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Cross Reactivity	No cross-reactivity with other proteins
Isotype	Mouse IgG1
Form	Lyophilized
Concentration	Adding 1 ml of PBS buffer will yield a concentration of 100 ug/ml.
Purification	Ascites
Suggested Dilutions	Western blot, 0.5-2ug/ml, Human, Monkey, Mouse, Rat Immunohistochemistry (Paraffin-embedded Section), 1-2ug/ml, Human, Monkey, Mouse, Rat

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For Research Use Only. Not for use in diagnostic procedures.