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39-1068: Anti-Myoglobin Monoclonal Antibody (Clone: MG-1)

Clonality :	Monoclonal
Clone Name :	MG-1
Application :	IHC-P
Reactivity :	Human
Gene :	MB
Gene ID :	4151
Uniprot ID :	Â P02144
Alternative Name :	Myoglobin; Mb
Isotype :	Mouse IgG1
Immunogen Information :	Purified human skeletal muscle myoglobin.

Description

Human myoglobin has 152 residues. Two myoglobin variants were found. The myoglobin locus mapped to 22q11-22q13. The myoglobin gene is about 10.5 kb long and contains two introns as in the case with hemoglobin genes. Myoglobin may serve a variety of functions in muscular oxygen supply, such as O(2) storage, facilitated O(2) diffusion, and myoglobin-mediated oxidative phosphorylation.

Product Info

Amount :	100 µg/vial
Purification :	Ascites
Content :	Mouse ascites fluid, 1.2% sodium acetate, 2mg BSA, with 0.01mg NaN3 as preservative. Reconstitute : Add 1ml of PBS buffer will yield a concentration of 100ug/ml.
Storage condition :	At -20˚C for one year. After reconstitution, 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.

Application Note

Immunohistochemistry(Paraffin-embedded Section) : 1-2ÃÂ¼g/ml

Figure 1: Anti-Myoglobin antibody(monoclonal) 39-1068 .Western blotting: Rat Skeletal Muscle Tissue Lysate.

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