

## **Myoglobin Monoclonal Antibody**

Catalog No: YM0462

Reactivity: Human

**Applications:** WB;IHC;IF;ELISA

Target: Myoglobin

Gene Name: MB

Protein Name: Myoglobin

Human Gene Id: 4151

**Human Swiss Prot** 

No:

**Mouse Swiss Prot** 

No:

**Immunogen:** Purified recombinant fragment of Myoglobin expressed in E. Coli.

**Specificity:** Myoglobin Monoclonal Antibody detects endogenous levels of Myoglobin

protein.

P02144

P04247

**Formulation :** Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Source: Monoclonal, Mouse

**Dilution :** WB 1:500 - 1:2000. IHC 1:200 - 1:1000. ELISA: 1:10000.. IF 1:50-200

**Purification :** Affinity purification

**Concentration**: 1 mg/ml

Storage Stability: -15°C to -25°C/1 year(Do not lower than -25°C)

Molecularweight: 17kD

1/2



P References: 1. George A. Ordway, Daniel J. Garry. J. Exp. Biol., Sep 2004; 207: 3441-3446.

2. Ulrich Floel, Tim Laussmann, Axel Goecke. Circ. Res., Apr 2005; 96: e68 - e75.

**Background:** This gene encodes a member of the globin superfamily and is expressed in

skeletal and cardiac muscles. The encoded protein is a haemoprotein contributing to intracellular oxygen storage and transcellular facilitated diffusion of oxygen. At least three alternatively spliced transcript variants encoding the same protein

have been reported. [provided by RefSeq, Jul 2008],

**Function:** function: Serves as a reserve supply of oxygen and facilitates the movement of

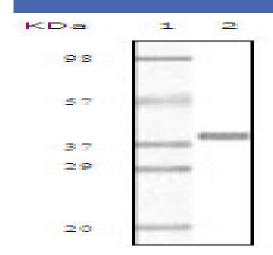
oxygen within muscles., similarity: Belongs to the globin family.,

Subcellular Location:

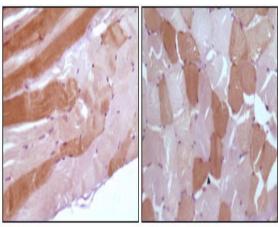
extracellular exosome,

**Expression:** Heart, Skeletal muscle,

## **Products Images**



Western Blot analysis using Myoglobin Monoclonal Antibody against truncated Myoglobin recombinant protein.



Immunohistochemistry analysis of paraffin-embedded human skeletal muscle tissue showing cytoplasmic localization with DAB staining using Myoglobin Monoclonal Antibody.