

Myoglobin Mouse mAb

Catalog No.: A28546

Basic Information

Observed MW

17 kDa

Calculated MW

17 kDa

Category

Primary antibody

Applications

WB,IF-P,IHC-P,ELISA

Cross-Reactivity

Human, Mouse, Rat

CloneNo number

AMC50106

Background

This gene encodes a member of the globin superfamily and is predominantly expressed in skeletal and cardiac muscles. The encoded protein forms a monomeric globular haemoprotein that is primarily responsible for the storage and facilitated transfer of oxygen from the cell membrane to the mitochondria. This protein also plays a role in regulating physiological levels of nitric oxide. Multiple transcript variants encoding distinct isoforms exist for this gene.

Recommended Dilutions

WB 1:1000 - 1:5000

IF-P 1:100 - 1:400

IHC-P 1:3000 - 1:12000

ELISA Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements. For high-ratio antibody dilutions (≥1:10000) a sequential dilution method is strongly recommended to ensure measurement accuracy.

Immunogen Information

Gene ID

4151

Swiss Prot

P02144

Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

Synonyms

MYOSB; PVALB; Myoglobin

Product Information

Source

Mouse

Isotype

mouse IgG1

Purification

Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.
PBS with 0.09% sodium azide, 50% glycerol, pH7.3

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