Datasheet for ABIN7425884

# anti-Myoglobin antibody (AA 1-154)

2 Images

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## Overview

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|---|---|
| Quantity: | 100 µL |
| Target: | Myoglobin (MB) |
| Binding Specificity: | AA 1-154 |
| Reactivity: | Human |
| Host: | Mouse |
| Clonality: | Monoclonal |
| Conjugate: | This Myoglobin antibody is un-conjugated |
| Application: | Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC) |

## Product Details

| | |
|---|---|
| Purpose: | Monoclonal Antibody to Myoglobin (MYO) |
| Immunogen: | Recombinant Myoglobin (MYO) corresdonding to Met1~Gly154 with N-terminal His Tag |
| Clone: | C2 |
| Isotype: | IgG2b kappa |
| Specificity: | The antibody is a mouse monoclonal antibody raised against MYO. It has been selected for its ability to recognize MYO in immunohistochemical staining and western blotting. |
| Cross-Reactivity: | Rat |
| Purification: | Protein A + Protein G affinity chromatography |

## Target Details

| | |
|---|---|
| Target: | Myoglobin (MB) |
| Alternative Name: | Myoglobin (MB Products) |
| Background: | PVALB, MB |
| Pathways: | Brown Fat Cell Differentiation |

## Application Details

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|---|---|
| Application Notes: | Western blotting: 0.5-2 µg/mL<br>1:500-2000 Immunohistochemistry: 5-20 µg/mL<br>1:50-200 Immunocytochemistry: 5-20 µg/mL<br>1:50-200 Optimal working dilutions must be determined by end user. |
| Comment: | The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition. |
| Restrictions: | For Research Use only |

## Handling

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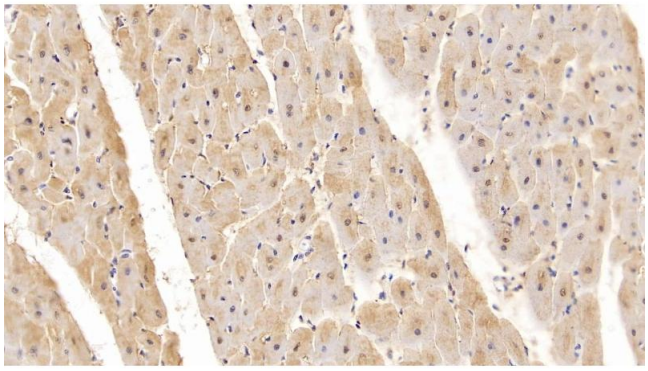
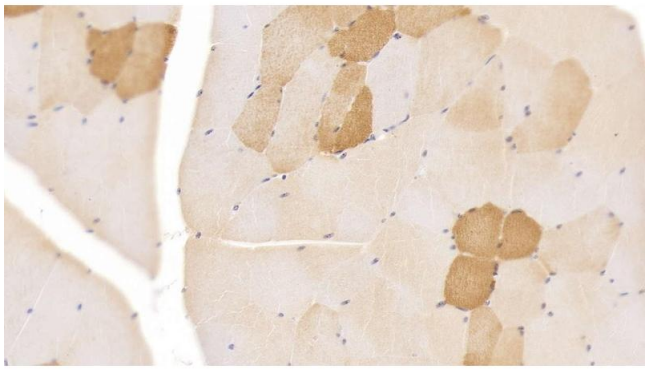
|---|---|
| Format: | Liquid |
| Buffer: | 0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol. |
| Preservative: | ProClin |
| Precaution of Use: | This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Storage: | 4 °C,-20 °C |
| Storage Comment: | Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles. |
| Expiry Date: | 24 months |



**Immunohistochemistry**

**Image 1.** Detection of MYO in Human Cardiac Muscle Tissue using Monoclonal Antibody to Myoglobin (MYO)



**Immunohistochemistry**

**Image 2.** Detection of MYO in Human Skeletal muscle Tissue using Monoclonal Antibody to Myoglobin (MYO)