

Datasheet for ABIN7427618
anti-MYH4 antibody (AA 1633-1875)

3 Images

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Overview

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|----------------------|---|
| Quantity: | 100 µL |
| Target: | MYH4 |
| Binding Specificity: | AA 1633-1875 |
| Reactivity: | Human |
| Host: | Mouse |
| Clonality: | Monoclonal |
| Conjugate: | This MYH4 antibody is un-conjugated |
| Application: | Immunohistochemistry (IHC), Western Blotting (WB), Immunoprecipitation (IP), Immunocytochemistry (ICC) |

Product Details

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|-------------------|--|
| Purpose: | Monoclonal Antibody to Myosin Heavy Chain 4, Skeletal Muscle (MYH4) |
| Immunogen: | Recombinant Myosin Heavy Chain 4, Skeletal Muscle (MYH4) corresponding to Leu1633~Leu1875 with N-terminal His Tag |
| Clone: | C3 |
| Isotype: | IgG1 kappa |
| Specificity: | The antibody is a mouse monoclonal antibody raised against MYH4. It has been selected for its ability to recognize MYH4 in immunohistochemical staining and western blotting. |
| Cross-Reactivity: | Pig |
| Purification: | Protein A + Protein G affinity chromatography |

Target Details

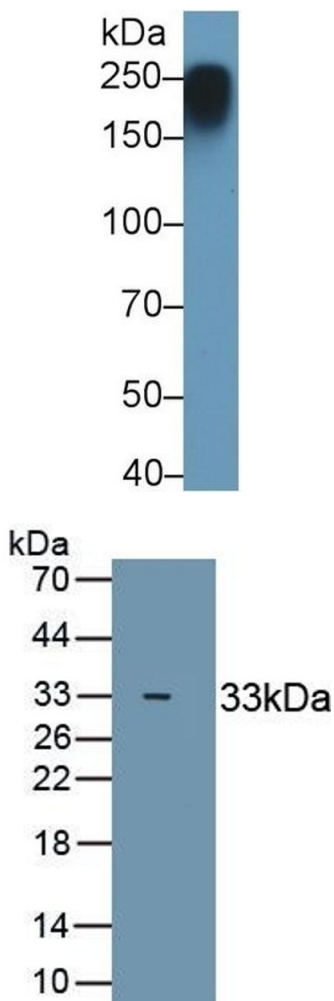
| | |
|-------------------|--|
| Target: | MYH4 |
| Alternative Name: | Myosin Heavy Chain 4, Skeletal Muscle (MYH4 Products) |
| Background: | MYH2B, Myosin heavy chain 2b, Myosin heavy chain, skeletal muscle, fetal |

Application Details

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|--------------------|---|
| Application Notes: | Western blotting: 0.5-2 µg/mL 1:500-2000 Immunohistochemistry: 5-20 µg/mL 1:50-200 Immunocytochemistry: 5-20 µg/mL 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 |



Western Blotting

Image 1. Detection of MYH4 in Porcine Skeletal muscle lysate using Monoclonal Antibody to Myosin Heavy Chain 4, Skeletal Muscle (MYH4)

Western Blotting

Image 2. Detection of Recombinant MYH4, Human using Monoclonal Antibody to Myosin Heavy Chain 4, Skeletal Muscle (MYH4)

Immunohistochemistry

Image 3. Detection of MYH4 in Human Cardiac Muscle Tissue using Monoclonal Antibody to Myosin Heavy Chain 4, Skeletal Muscle (MYH4)

