

Datasheet for ABIN204417  
**anti-MSTN antibody (AA 25-376)**



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## Overview

|                      |                                     |
|----------------------|-------------------------------------|
| Quantity:            | 100 µg                              |
| Target:              | MSTN                                |
| Binding Specificity: | AA 25-376                           |
| Reactivity:          | Mouse                               |
| Host:                | Rat                                 |
| Clonality:           | Monoclonal                          |
| Conjugate:           | This MSTN antibody is un-conjugated |
| Application:         | Western Blotting (WB), ELISA        |

## Product Details

|               |                                                                                                                                      |
|---------------|--------------------------------------------------------------------------------------------------------------------------------------|
| Immunogen:    | NS0-derived recombinant mouse GDF-8 propeptide Accession # NP_034964.                                                                |
| Isotype:      | IgG2b                                                                                                                                |
| Specificity:  | Recognizes mouse GDF-8. Shows no cross-reactivity with rmGDF-1 propeptide, rmGDF-3 propeptide, rmGDF-5, or rmGDF-6 in Direct ELISAs. |
| Purification: | Protein G purified                                                                                                                   |

## Target Details

|                   |                                                           |
|-------------------|-----------------------------------------------------------|
| Target:           | MSTN                                                      |
| Alternative Name: | MSTN / GDF8 / Myostatin ( <a href="#">MSTN Products</a> ) |
| Background:       | Name/Gene ID: MSTN                                        |

## Target Details

|                 |                                               |
|-----------------|-----------------------------------------------|
|                 | Family: TGF beta                              |
|                 | Synonyms: MSTN, GDF8, MSLHP, Myostatin, GDF-8 |
| Gene ID:        | 2660                                          |
| NCBI Accession: | <a href="#">NP_034964</a>                     |
| UniProt:        | <a href="#">O14793</a>                        |

## Application Details

|                    |                                                                                                                              |
|--------------------|------------------------------------------------------------------------------------------------------------------------------|
| Application Notes: | Approved: ELISA (0.5 - 1 µg/mL), WB (1 - 2 µg/mL)                                                                            |
|                    | Usage: Suitable for use in Western Blot and ELISA. Western Blot: 1 µg/mL using recombinant mouse GDF-8/Myostatin Propeptide. |
| Comment:           | Target Species of Antibody: Mouse                                                                                            |
| Restrictions:      | For Research Use only                                                                                                        |

## Handling

|                  |                                                                       |
|------------------|-----------------------------------------------------------------------|
| Format:          | Lyophilized                                                           |
| Reconstitution:  | 200 µL sterile PBS                                                    |
| Concentration:   | Lot specific                                                          |
| Buffer:          | Lyophilized, PBS, 5 % trehalose                                       |
| Handling Advice: | Avoid repeat freeze-thaw cycles.                                      |
| Storage:         | 4 °C, -20 °C                                                          |
| Storage Comment: | Short term: 4°C. Long term: Store at -20°C. Avoid freeze-thaw cycles. |