Green Mountain Antibodies

# Clone GMA-791

## Rat Anti-Murine Prothrombin

GMA-791 is an antibody useful for detection of murine Prothrombin by solid-phase ELISA. It does not cross-react with human Prothrombin. It pairs with GMA-793 in Octet.

## Description

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|---|---|
| **Species Reactivity:** | Mouse |
| **Source:** | Rat |
| **Hybridoma:** | NS-1 x Rat spleen cells (*Wistar*) |
| **Specificity:** | |
| **Immunogen:** | Murine Prothrombin |
| **Isotype:** | $IgG_{2b}$ |

## Application

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|---|---|
| **Concentration:** | Approximately 1-5 μg/ml. Researchers should titer antibody in specific assay. |
| **ELISA:** | Binds murine prothrombin in solid-phase ELISA. |
| **Immunoblotting:** | Does not blot. |
| **Affinity constant (apparent $K_D$):** | |
| **Inhibition:** | |

## Formulation and Storage

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|---|---|
| **Purity:** | Confirmed >98% pure by SDS-PAGE |
| **Product Formulation:** | Lyophilized from a 1 mg/ml solution with 10 mM $NaH_2PO_4$ 0.15 M NaCl, 1.0% (w/v) mannitol, pH 7.4. Concentration determined by absorbance measurement at 280 nm and using an extinction coefficient of 1.4 ($E_{0.1}$%). |
| **Reconstitution:** | Reconstitute with deionized water. |
| **Storage:** | Aliquot and store at -20° C for prolonged periods. Avoid freeze-thaw cycles. Alternatively, bring to 0.01% (w/v) sodium azide and store at 4° C. |
| **Country of origin:** | USA |
| **Size Options:** | 0.1 mg or 0.5 mg |
| **Lot:** | Varies by shipment |

## Antibody References

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