

## OriGene Technologies, Inc.

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## Product datasheet for AM00712PU-N

## Dinitrophenol Mouse Monoclonal Antibody [Clone ID: B136M]

## **Product data:**

| Product Type:         | Primary Antibodies  |
|-----------------------|---|
| Clone Name:           | B136M   |
| Applications:         | ELISA   |
| Recommended Dilution: | ELISA.  |
| Reactivity:           | Human   |
| Host:                 | Mouse   |
| lsotype:              | lgG1  |
| Clonality:            | Monoclonal  |
| Specificity:          | This antibody recognizes Dinitrophenol (DNP)-conjugated proteins and peptides.  |
| Formulation:          | PBS<br>State: Purified<br>State: Liquid purified IgG fraction<br>Preservative: 0.05% Sodium Azide   |
| Concentration:        | lot specific  |
| Purification:         | HPLC  |
| Conjugation:          | Unconjugated  |
| Storage:              | Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer.<br>Avoid repeated freezing and thawing.  |
| Stability:            | Shelf life: one year from despatch.   |
| Background:           | Dinitrophenol is an uncoupler, it has the ability to separate the flow of electrons and the pumping of H+ ions for ATP synthesis. This means that the energy from electron transfer cannot be used for ATP synthesis. 50 years ago, DNP was given as a drug to help patients lose weight. |
| Synonyms:             | DNP, Dinitrophenyl Hapten   |
| Note:                 | Centrifuge before opening to ensure complete recovery of vial contents.   |



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