

## 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:	<b>ELISA.</b>
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Specificity:	This antibody recognizes Dinitrophenol (DNP)-conjugated proteins and peptides.
Formulation:	PBS State: Purified State: Liquid purified IgG fraction 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. 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 <sup>+</sup> 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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