

Product datasheet for **AM01271PU-N**

Dinitrophenol Rat Monoclonal Antibody [Clone ID: LO-DNP-30]

Product data:

Product Type:	Primary Antibodies
Clone Name:	LO-DNP-30
Applications:	ELISA
Recommended Dilution:	ELISA: 1.25 µg/ml (as detection antibody)
Reactivity:	Human
Host:	Rat
Isotype:	IgE
Clonality:	Monoclonal
Immunogen:	Nippostrongylus brasiliensis-DNP
Specificity:	This antibody recognizes the Dinitrophenyl (DNP) hapten.
Formulation:	PBS State: Purified State: Liquid purified IgE fraction from Tissue Culture Supernatant Preservative: 0.09% Sodium Azide
Concentration:	lot specific
Purification:	Affinity Chromatography
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 ⁺ 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



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