

Product datasheet for **AM32190PU-N**

Dinitrophenol Rat Monoclonal Antibody [Clone ID: LO-DNP-2]

Product data:

Product Type:	Primary Antibodies
Clone Name:	LO-DNP-2
Applications:	ELISA
Recommended Dilution:	ELISA.
Host:	Rat
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	DNP-ASCARIS, Nippostrongylus brasiliensis-DNP
Specificity:	Detects Dinitrophenyl Hapten in various samples. Avidity: $1.7 \times 10^{10} \text{ M}^{-1}$
Formulation:	PBS State: Liquid State: Liquid purified IgG fraction Preservative: 0.09% Sodium Azide
Concentration:	lot specific
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C
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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