abcam

ab328847

Anti-DNP antibody [DNP.m3]

Recombinant

Key facts

Isotype	IgG2a
Host species	Mouse
Storage buffer	pH: 7.2 Preservative: 0.09% Sodium azide Constituents: PBS, 0.2% BSA
Form	Liquid
Clonality	Monoclonal
Immunogen	The exact immunogen used to generate this antibody is proprietary information.
Clone number	DNP.m3

Reactivity data

I-ELISA

Tested

Species	Mouse
Dilution info	-
Notes	-

Flow Cyt

Expected

Species	Mouse

Dilution info	1/20
Notes	-

IF

Expected

Species	Mouse
Dilution info	1/20
Notes	-

Target data

See full target information 2,4-Dinitrophenol

Storage

Shipped at conditions	+4°C
Appropriate short-term storage conditions	+4°C
Appropriate long-term storage conditions	+4°C
Storage information	Store in the dark

Notes

ab328847 is a monoclonal antibody that recognizes dinitrophenyl (DNP) moieties. DNP is a widely used hapten for labeling proteins, nucleic acids, and other biomolecules in various immunoassay formats. This antibody is ideal for detecting DNP-conjugated molecules in applications requiring hapten recognition.

What are the advantages of a recombinant monoclonal antibody?
This product is a recombinant monoclonal antibody, which offers several advantages including:

- High batch-to-batch consistency and reproducibility
- Improved sensitivity and specificity
- Long-term security of supply
- Animal-free batch production

For more information, read more on recombinant antibodies.

Product promise

Tested

We have tested this species and application combination and it works. It is covered by our product promise.

Expected

We have not tested this specific species and application combination in-house, but expect it will work. It is covered by our product promise.

Predicted

This species and application combination has not been tested, but we predict it will work based on strong homology. However, this combination is not covered by our product promise.

Not recommended

We do not recommend this combination. It is not covered by our product promise.

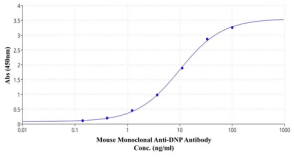
We are dedicated to supporting your work with high quality reagents and we are here for you every step of the way should you need us.

In the unlikely event of one of our products not working as expected, you are covered by our product promise.

Full details and terms and conditions can be found here:
Terms & Conditions.

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1 product image



Indirect ELISA - Anti-DNP antibody [DNP.m3] (ab328847)

ELISA validation of ab328847 using DNP-BSA–coated plates. The antibody was tested at 100 ng/mL with 3× serial dilutions, followed by detection with an HRP-labeled goat anti-mouse IgG. Signal was developed with TMB and measured at 450 nm.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.