

Technical Data Sheet

Biotin Mouse Anti-TNP

Product Information

Material Number:	554055
Size:	0.5 mg
Concentration:	0.5 mg/ml
Clone:	49.2
Immunogen:	TNP-Keyhole Limpet Hemocyanin
Isotype:	Mouse (BALB/c) IgG2b, κ
Storage Buffer:	Aqueous buffered solution containing $\leq 0.09\%$ sodium azide.

Description

The 49.2 antibody reacts specifically with the hapten trinitrophenol (TNP). It does not react with any other known antigens.

Preparation and Storage

The monoclonal antibody was purified from tissue culture supernatant or ascites by affinity chromatography.

The antibody was conjugated with biotin under optimum conditions, and unreacted biotin was removed.

Store undiluted at 4°C and protected from prolonged exposure to light. Do not freeze.

Application Notes

Application

ELISA	Routinely Tested
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Recommended Assay Procedure:

For the sandwich TNP ELISA, mAb 49.2 is optimal for detection with anti-TNP 107.3 mAb (Cat. No. 554054) for capture.

Suggested Companion Products

Catalog Number	Name	Size	Clone
554054	Purified Mouse Anti-TNP	0.5 mg	107.3

Product Notices

1. Since applications vary, each investigator should titrate the reagent to obtain optimal results.
2. Please refer to www.bdbiosciences.com/pharmingen/protocols for technical protocols.
3. Caution: Sodium azide yields highly toxic hydrazoic acid under acidic conditions. Dilute azide compounds in running water before discarding to avoid accumulation of potentially explosive deposits in plumbing.

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