

# Technical Data Sheet

## InVivoMAb rat IgG1 Isotype control, anti-trinitrophenol



**Attention:** Use of this product constitutes an agreement to Bio X Cell's Terms and Conditions which are included with this product in print and can also be found at <https://bioxcell.com/terms-and-conditions>.

### Lot Specific Information

Lot Number: Lot Specific\*  
Volume: Lot Specific\*  
Concentration: Lot Specific\* (generally 4 to 11 mg/ml) \*  
Total Protein: Lot Specific\*

\*This information will be noted on the certificate of analysis that ships with this product.

### Product Information

Catalog Number: BE0290  
Clone: TNP6A7  
Isotype: Rat IgG1,  $\lambda$   
Recommended Dilution Buffer: InVivoPure pH 7.0 Dilution Buffer  
Formulation: PBS, pH 7.0  
Contains no stabilizers or preservatives  
Endotoxin: <2EU/mg (<0.002EU/ $\mu$ g)  
Determined by LAL gel clotting assay  
Purity: >95%  
Determined by SDS-PAGE  
Sterility: 0.2  $\mu$ m filtration  
Production: Purified from cell culture supernatant in an animal-free facility  
Purification: Protein G  
RRID: [AB\\_2687813](https://identifiers.org/AB_2687813)  
Molecular Weight: 150 kDa

### Description

The TNP6A7 monoclonal antibody reacts with trinitrophenol (TNP). Because TNP is not expressed by mammals this antibody is ideal for use as an isotype-matched control for rat IgG1 antibodies in most in vivo and in vitro applications. This antibody can be used as an alternative to [BP0088](#).

### Storage

Store at the stock concentration at 4°C. **Do not freeze.**

It is not uncommon for a floccule or precipitate to appear during storage. The floccule is typically buffer salts precipitating out of solution or a small bit of protein aggregation. For information on how to remove floccules or precipitates see our FAQ's at <https://bioxcell.com/faqs>.

### Protocol Information

Since applications vary, each investigator should use the application references as a guide to help estimate the appropriate dose or concentration. The dose or concentration can be further optimized experimentally in a dose response or titration experiment.

### Application References

For a complete list of references, visit [https://bioxcell.com/catalogsearch/result/?q=BE0290#tab\\_references](https://bioxcell.com/catalogsearch/result/?q=BE0290#tab_references) or scan the QR code below.



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*Not for resale.*

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