

# Technical Data Sheet

## InVivoMAb human IgG1 isotype control



**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:** BE0297  
**Clone:** N/A  
**Isotype:** Human IgG1,  $\kappa$   
**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 human myeloma serum  
**Purification:** Protein A  
**RRID:** [AB\\_2687817](https://abnova.com/AB_2687817)  
**Molecular Weight:** 150 kDa

### Human Pathogen Test Results

Hepatitis B Surface Antigen: Negative  
Hepatitis C Virus antibodies: Negative  
Human Immunodeficiency Virus 1 antibodies: Negative  
Human Immunodeficiency Virus 2 antibodies: Negative  
\*These tests cannot guarantee the absence of infective agents

### Description

The human IgG1 isotype control antibody is purified from human myeloma serum and is of unknown specificity. This antibody is suitable for use as a non-targeting isotype control in various in vitro and in vivo studies. It can also be used as a negative control in various diagnostic applications such as ELISA, Western blot, immunofluorescence, immunohistochemistry, immunoprecipitation, and flow cytometry. For research use only.

### 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=BE0297#tab\\_references](https://bioxcell.com/catalogsearch/result/?q=BE0297#tab_references) or scan the QR code below.



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*Conditions: For research use only. Not for use in diagnostic or therapeutic procedures.*

*Not for resale.*

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