Technical Data Sheet

InVivoMAb human IgG2 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:	**BE0301**
Clone:	**N/A**
Isotype:	Human IgG2, λ
Recommended Dilution Buffer:	InVivoPure pH 7.0 Dilution Buffer
Formulation:	PBS, pH 7.0 Contains no stabilizers or preservatives
Endotoxin:	<2EU/mg (<0.002EU/µg) Determined by LAL gel clotting assay
Purity:	>95% Determined by SDS-PAGE
Sterility:	0.2 µm filtration
Purification:	Protein A
RRID:	AB_2715459
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 IgG2 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=BE0301#tab_references or scan the QR code below.

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