

## InVivoMAb anti-rat FcRn heavy chain heterodimers

### Lot Specific Information

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

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

### Product Information

<b>Catalog Number:</b>	<b>BE0222</b>
<b>Clone:</b>	<b>1G3</b>
<b>Isotype:</b>	Mouse IgG1
<b>Recommended Isotype Control(s):</b>	InVivoMAb mouse IgG1 isotype control, unknown specificity
<b>Recommended Dilution Buffer:</b>	InVivoPure pH 7.0 Dilution Buffer
<b>Immunogen:</b>	Purified soluble FcRn
<b>Reported Applications:</b>	Immunofluorescence ELISA Flow cytometry
<b>Formulation:</b>	PBS, pH 7.0 Contains no stabilizers or preservatives
<b>Endotoxin:</b>	<2EU/mg (<0.002EU/μg) Determined by LAL gel clotting assay
<b>Purity:</b>	>95% Determined by SDS-PAGE
<b>Sterility:</b>	0.2 μM filtered
<b>Production:</b>	Purified from tissue culture supernatant in an animal free facility
<b>Purification:</b>	Protein G
<b>RRID:</b>	AB_2687705
<b>Molecular Weight:</b>	150 kDa

### Description

The 1G3 antibody was raised against soluble rat neonatal Fc receptor (FcRn) in an adjuvant. FcRn is a heterodimer composed of a membrane bound heavy chain attached non-covalently to β2-microglobulin. It is structurally similar to MHC class I molecules. The 1G3 antibody is used in studies of the MHC class I heavy chain FcRn heterodimers and their interaction with IgG.

### Shelf-life and Storage

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

All Bio X Cell antibodies have a guaranteed shelf-life of one year from the date of customer receipt when stored as recommended. 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 [bxcell.com/faqs](https://bxcell.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://bxcell.com/product/anti-fcrn-heavy-chain-heterodimer/#references> or scan the QR code below.

### Bio X Cell, Inc.

bxcell.com  
1.866.787.3444  
[customerservice@bxcell.com](mailto:customerservice@bxcell.com)

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