

RecombiMAb mouse IgG2a isotype control, unknown specificity



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://bxccl.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:              | CP160                                                         |
| Clone:                       | MOPC-21-CP160                                                 |
| Isotype:                     | Mouse IgG2a                                                   |
| Recommended Dilution Buffer: | InVivoPure pH 7.0 Dilution Buffer                             |
| Formulation:                 | PBS, pH 7.0<br>Contains no stabilizers or preservatives       |
| Endotoxin:                   | <1EU/mg (<0.001EU/μg)<br>Determined by LAL gel clotting assay |
| Purity:                      | >95%<br>Determined by SDS-PAGE                                |
| Sterility:                   | 0.2 μM filtered                                               |
| Production:                  | Purified from CHO cell supernatant                            |
| Purification:                | Protein A                                                     |
| Aggregation:                 | <5%<br>Determined by DLS                                      |
| Molecular Weight:            | 150 kDa                                                       |

Murine Pathogen Test Results

Mouse Norovirus: Negative, Mouse Parvovirus: Negative, Mouse Minute Virus: Negative, Mouse Hepatitis Virus: Negative, Reovirus Screen: Negative, Lymphocytic Choriomeningitis virus: Negative, Lactate Dehydrogenase-Elevating Virus: Negative, Mouse Rotavirus: Negative, Theiler's Murine Encephalomyelitis: Negative, Ectromelia/Mousepox Virus: Negative, Hantavirus: Negative, Polyoma Virus: Negative, Mouse Adenovirus: Negative, Sendai Virus: Negative, Mycoplasma Pulmonis: Negative, Pneumonia Virus of Mice: Negative, Mouse Cytomegalovirus: Negative, K Virus: Negative,

Description

The MOPC-21-CP160 monoclonal antibody is a recombinant version of the original MOPC-21 antibody. The variable domain sequences are identical to the original MOPC-21 antibody but the constant region sequences have been switched from mouse IgG1 to mouse IgG2a. MOPC-21-CP160 contains no Fc mutations. The MOPC-21-CP160 monoclonal antibody is ideal for use as a non-reactive isotype-matched control for mouse IgG2a antibodies in *in vivo* and *in vitro* applications.

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 [bxccl.com/faqs](https://bxccl.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://bxccl.com/product/recombimab-mouse-igg2a-isotype-control-unknown-specificity/#references> or scan the QR code below.

Bio X Cell, Inc.



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