

Technical Data Sheet



RecombiMAb human IgG1 (LALA-PG) isotype control, anti-hen egg lysozyme

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:	CP149
Clone:	N/A-CP149
Isotype:	Human IgG1
Mutations:	L234A, L235A, P329G (LALA-PG)
Immunogen:	Hen egg lysozyme (HEL)
Formulation:	PBS, pH 7.0 Contains no stabilizers or preservatives
Purity:	>95% Determined by SDS-PAGE
Sterility:	0.2 µM filtered
Production:	Purified from CHO cell supernatant
Purification:	Protein A
Aggregation:	<5% 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

This human IgG1 isotype control antibody reacts with hen egg lysozyme and has low or no specific binding to any human sample. The P329G substitution combined with L234A and L235A (LALA-PG) has been shown to decrease effector functions by disrupting the Fc/Fcγ receptor interface.

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 <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-human-igg1-lala-pg-isotype-control-anti-hen-egg-lysozyme#references> or scan the QR code below.



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