

Technical Data Sheet

InVivoMAb anti-swine MHC Class I (SLAd)



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: BE0120
Clone: 74-11-10 (HB139)
Isotype: Mouse IgG2b, κ
Recommended Isotype Control(s): InVivoMAb mouse IgG2b isotype control, unknown specificity
Recommended Dilution Buffer: InVivoPure pH 7.0 Dilution Buffer
Immunogen: dd miniature swine thymocytes
Reported Applications: Flow cytometry
Formulation: PBS, pH 7.0
Contains no stabilizers or preservatives
Endotoxin: <2EU/mg (<0.002EU/ μ g)
Determined by LAL gel clotting assay
Purity: >95%
Determined by SDS-PAGE
Sterility: 0.2 μ m filtered
Production: Purified from cell culture supernatant in an animal-free facility
Purification: Protein G
RRID: [AB_10949301](https://abnova.com/AB_10949301)
Molecular Weight: 150 kDa

Description

The 74-11-10 monoclonal antibody reacts with the swine leucocyte antigen (SLA) class I. This corresponds to the major histocompatibility complex (MHC) class I. Class I antigens are expressed on the surface of all nucleated cells with the exception of neurons and trophoblasts. SLA plays a key role in the immune response against grafts or transplants, but also in the control of antigen presentation and the development of the immune response. Antigen presentation to CD8 T cells is one of the main functions of SLA class I.

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=BE0120#tab_references or scan the QR code below.



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