InVivoMAb anti-swine MHC Class I (SLA<sup>d</sup>)

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/μg)
Determined by LAL gel clotting assay

Purity: >95%
Determined by SDS-PAGE

Sterility: 0.2 μM filtered

Production: Purified from tissue culture supernatant in an animal free facility

Purification: Protein G

RRID: 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.

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.

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/sla-abd/#references or scan the QR code below.