

Technical Data Sheet

InVivoMAb anti-mouse CD24



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: BE0360
Clone: M1/69
Isotype: Rat IgG2b, κ
Recommended Isotype Control(s): InVivoMAb rat IgG2b isotype control, anti-keyhole limpet hemocyanin
Recommended Dilution Buffer: InVivoPure pH 7.0 Dilution Buffer
Immunogen: C57BL/10 mouse splenic T cells
Reported Applications: *in vivo* administration
Immunohistochemistry (frozen)
Immunohistochemistry (paraffin)
Immunofluorescence
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 filtration
Production: Purified from cell culture supernatant in an animal-free facility
Purification: Protein G
RRID: [AB_2894779](https://abnova.com/AB_2894779)
Molecular Weight: 150 kDa

Description

The M1/69 monoclonal antibody reacts with mouse CD24 also known as heat stable antigen (HSA), a 35-50 kDa glycosylated membrane protein. CD24 is expressed by erythrocytes, granulocytes, monocytes, lymphocytes, and dendritic cells. Immature B cells in bone marrow and spleen of adult mice express high levels of CD24, while mature peripheral B cells express intermediate levels of CD24. The expression of CD24 has been used to resolve stages of B cell lymphopoiesis in mouse bone marrow. It has been reported that P-selectin (CD62P) binds to CD24. CD24 is often overexpressed in human tumors. In cancer, CD24 is a regulator of cell migration, invasion, and proliferation.

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/be0360?bxcs=9k1b3a#tab_references or scan the QR code below.



Bio X Cell, LLC
<https://bioxcell.com>
+1-866-787-3444
customerservice@bioxcell.com

Conditions: For research use only. Not for use in diagnostic or therapeutic procedures.

Not for resale.

Bio X Cell, Bio X Cell logo, and all other trademarks are the property of Bio X Cell, LLC © 2024 Bio X Cell, LLC