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:	≤1EU/mg (≤0.001EU/μg) Determined by LAL gel clotting assay
Purity:	≥95% Determined by SDS-PAGE
Sterility:	0.2 μm filtration
Production:	Purified from cell culture supernatant in an animal-free facility
Purification:	Protein G
RRID:	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.

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