

**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,  $\kappa$   
**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/ $\mu$ g)  
Determined by LAL gel clotting assay  
**Purity:** >95%  
Determined by SDS-PAGE  
**Sterility:** 0.2  $\mu$ m filtration  
**Production:** Purified from cell culture supernatant in an animal-free facility  
**Purification:** Protein G  
**RRID:** [AB\\_2894779](https://europepmc.org/abstract/proc/pt/pt/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](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](mailto: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 © 2025 Bio X Cell, LLC**