



InVivoMAb anti-mouse MHC Class II (I-A/I-E)

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:	BE0108
Clone:	M5/114
Isotype:	Rat IgG2b
Recommended Isotype Control(s):	InVivoMAb rat IgG2b isotype control, anti-keyhole limpet hemocyanin
Recommended Dilution Buffer:	InVivoPure pH 7.0 Dilution Buffer
Immunogen:	Activated C57BL/6 mouse spleen cells <i>in vivo</i> MHC II blockade Functional assays Immunofluorescence Western blot Immunoprecipitation Flow cytometry
Reported Applications:	
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_10949298
Molecular Weight:	150 kDa

Description

The M5/114 monoclonal antibody reacts with mouse MHC Class II haplotypes I-A^b, I-A^d, I-A^q, I-E^d, and I-E^k. The antibody does not react with I-A^f, I-A^k, or I-A^s haplotypes. The M5/114 antibody is reported to inhibit I-A-restricted T cell responses.

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/mhc-class-ii/#references> or scan the QR code below.



Bio X Cell, Inc.

bxcell.com
1.866.787.3444
customerservice@bxcell.com

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