

# Technical Data Sheet

## InVivoMAb anti-mouse B220



**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: BE0067  
Clone: RA3.3A1/6.1 (TIB-146)  
Isotype: Rat IgM  
Recommended Isotype Control(s): InVivoMAb polyclonal rat IgG  
Recommended Dilution Buffer: InVivoPure pH 7.0 Dilution Buffer  
Immunogen: Mouse RAW 112 lymphosarcoma cells  
Reported Applications: *in vivo* B cell depletion  
*in vitro* B cell negative selection  
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 filtered  
Production: Purified from cell culture supernatant in an animal-free facility  
Purification: Protein A  
RRID: [AB\\_1107651](https://rrid.info/AB_1107651)

### Description

The RA3.3A1/6.1 monoclonal antibody reacts with mouse B220 also known as CD45R. B220 is a 220 kDa transmembrane protein tyrosine phosphatase expressed on B cells and some subsets of T and NK cells. B220 plays a critical role in TCR and BCR signaling and is commonly used as a B cell marker. The RA3.3A1/6.1 antibody is commonly used for *in vivo* B cell depletion.

### 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/be0067?bxcs=9k1b3a#tab\\_references](https://bioxcell.com/be0067?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)

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*Not for resale.*

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