

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: <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 cell culture supernatant in an animal-free facility
Purification: Protein A
RRID: [AB_1107651](https://abnova.com/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/catalogsearch/result/?q=BE0067#tab_references or scan the QR code below.



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