



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:	<i>in vivo</i> B cell depletion <i>in vitro</i> 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 tissue culture supernatant in an animal free facility
Purification:	Protein A
RRID:	AB_1107651
Molecular Weight:	

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.

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/m-b220/#references> or scan the QR code below.

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