Technical Data Sheet

InVivoMAb anti-mouse OX40L (CD134L)

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:	**BE0033-1**
Clone:	**RM134L**
Isotype:	Rat IgG2b, κ
Recommended Isotype Control(s):	InVivoMAb rat IgG2b isotype control, anti-keyhole limpet hemocyanin
Recommended Dilution Buffer:	InVivoPure pH 7.0 Dilution Buffer
Immunogen:	Rat NRK-52E cells transfected with mouse OX40L
Reported Applications:	*in vivo* blocking of OX40/OX40L signaling *in vitro* OX40L neutralization
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 G
RRID:	AB_1107594
Molecular Weight:	150 kDa

Description

The RM134L monoclonal antibody reacts with mouse OX-40L also known as CD134L. OX-40L is a 35 kDa member of the TNF superfamily that is expressed on activated B cells and antigen presenting cells. OX40L is the ligand for OX-40 (CD134). OX-40 signaling regulates both CD4 and CD8 T cell clonal expansion. It provides a costimulatory signal to an antigen-reacting naive T cells to prolong proliferation, as well as augment the production of several cytokines including IL-2. In vivo treatment with the RM134L antibody has been shown to inhibit the poly(I:C)/CD40 stimulated proliferation of CD4 T cells.

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/be0033-1?bxcs=9k1b3a#tab_references or scan the QR code below.

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