

Technical Data Sheet

InVivoMAb anti-mouse 4-1BBL (CD137L)



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: BE0110
Clone: TKS-1
Isotype: Rat IgG2a, κ
Recommended Isotype Control(s): InVivoMAb rat IgG2a isotype control, anti-trinitrophenol
Recommended Dilution Buffer: InVivoPure pH 7.0 Dilution Buffer
Immunogen: Mouse 4-1BBL transfected NRK cells
Reported Applications: *in vivo* 4-1BBL blockade
ELISA
Formulation: PBS, pH 7.0
Contains no stabilizers or preservatives
Endotoxin: <2EU/mg (<0.002EU/ μ g)
Determined by LAL gel clotting assay
Purity: >95%
Determined by SDS-PAGE
Sterility: 0.2 μ m filtered
Production: Purified from cell culture supernatant in an animal-free facility
Purification: Protein G
RRID: [AB_10949069](https://eutils.ncbi.nlm.nih.gov/entrez/eutils/rrid.cgi?db=AB_10949069)
Molecular Weight: 150 kDa

Description

The TKS-1 monoclonal antibody reacts with mouse 4-1BB ligand (4-1BBL), a type II transmembrane glycoprotein also known as CD137L. 4-1BBL is a 97 kDa member of the TNF superfamily and is expressed by dendritic cells, macrophages, and activated B and T lymphocytes. Interaction of 4-1BBL with 4-1BB (CD137) provides costimulatory signals to both CD4 and CD8 T cells through the activation of NF- κ B, c-Jun and p38 downstream pathways. The TKS-1 antibody has been shown to inhibit the binding of soluble 4-1BB to 4-1BBL *in vitro*.

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/be0110?bxcs=9k1b3a#tab_references or scan the QR code below.



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