

Technical Data Sheet

InVivoMAb anti-mouse TIM-1 (CD365)



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: BE0289
Clone: 3B3
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 TIM-1 (signal and IgV domains)/mouse IgG2a Fc fusion protein
Reported Applications: *in vivo* TIM-1 activation
in vitro T cell stimulation/activation
Functional assays
ELISA
Flow cytometry
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 filtration
Production: Purified from cell culture supernatant in an animal-free facility
Purification: Protein G
RRID: [AB_2687812](https://eutils.ncbi.nlm.nih.gov/entrez/eutils/rrid.cgi?db=AB_2687812)
Molecular Weight: 150 kDa

Description

The 3B3 monoclonal antibody reacts with mouse T cell immunoglobulin and mucin domain 1 (TIM-1) also known as CD365. TIM-1 is a type I cell-surface glycoprotein and member of the Ig superfamily. TIM-1 is preferentially expressed on TH2 cells and has been identified as a stimulatory molecule for T cell activation. The TIM gene family, plays critical roles in regulating the immune response to viral infection. TIM-1 is also involved in allergic responses, asthma, and transplant tolerance. The 3B3 antibody is an agonistic antibody and has been shown to activate TIM-1 *in vivo* and *in vitro* resulting in the hyperproliferation of T cells and induction of proinflammatory cytokine production.

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/be0289?bxcs=9k1b3a#tab_references or scan the QR code below.



Bio X Cell, LLC

<https://bioxcell.com>

+1-866-787-3444

customerservice@bioxcell.com

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