

# Technical Data Sheet

## InVivoMAb anti-mouse CD96



**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: BE0337  
Clone: 3.3  
Isotype: Rat IgG1,  $\lambda$   
Recommended Isotype Control(s): InVivoMAb rat IgG1 isotype control, anti-horseradish peroxidase  
Recommended Dilution Buffer: InVivoPure pH 7.0 Dilution Buffer  
Immunogen: Not available or unknown  
Reported Applications: *in vivo* CD96 blocking  
*in vitro* CD96 blocking  
Flow cytometry  
Formulation: PBS, pH 7.0  
Contains no stabilizers or preservatives  
Endotoxin: <2EU/mg (<0.002EU/ $\mu$ g)  
Determined by LAL gel clotting assay  
Purity: >95%  
Determined by SDS-PAGE  
Sterility: 0.2  $\mu$ m filtration  
Production: Purified from cell culture supernatant in an animal-free facility  
Purification: Protein G  
RRID: [AB\\_2894757](https://abnova.com/AB_2894757)  
Molecular Weight: 150 kDa

### Description

The 3.3 monoclonal antibody reacts with CD96, also known as TACTILE (T cell activation increased late expression). CD96 is a type I transmembrane glycoprotein and member of the Ig superfamily. CD96 is expressed at low levels on resting NK cells and T cells and at high levels on activated NK and T cells. CD96 binds to its ligand, CD155 to mediate NK cell adhesion to target cells and cytotoxicity. CD96 has recently been identified as a novel target for cancer immunotherapy and has been shown to play a role in metastasis. The 3.3 antibody has been shown to suppress primary tumor growth in a number of experimental mouse tumor models.

### 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/be0337?bxcs=9k1b3a#tab\\_references](https://bioxcell.com/be0337?bxcs=9k1b3a#tab_references) or scan the QR code below.



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*Not for resale.*

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