

InVivoMAb anti-mouse CD96

Lot Specific Information

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|-----------------------|---|
| 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

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| Catalog Number: | BE0337 |
| Clone: | 3.3 |
| Isotype: | Rat IgG1, λ |
| 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: | <i>in vivo</i> CD96 blocking <i>in vitro</i> CD96 blocking 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 filtered |
| Production: | Purified from tissue culture supernatant in an animal free facility |
| Purification: | Protein G |
| RRID: | |
| 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.

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/invivomab-anti-mouse-cd96/#references> or scan the QR code below.

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