

Technical Data Sheet

InVivoPlus mouse IgG2c isotype control, anti-dengue virus



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: BP0366
Clone: DV5-1
Isotype: Mouse IgG2c, κ
Recommended Dilution Buffer: InVivoPure pH 7.0 Dilution Buffer
Formulation: PBS, pH 7.0
Contains no stabilizers or preservatives
Endotoxin: ≤ 0.5 EU/mg (≤ 0.0005 EU/ μ g)
Determined by LAL gel clotting assay
Purity: $\geq 95\%$
Determined by SDS-PAGE
Sterility: 0.2 μ m filtration
Production: Purified from cell culture supernatant in an animal-free facility
Purification: Protein A
RRID: [AB_2894738](https://identifiers.org/AB_2894738)
Molecular Weight: 150 kDa

Murine Pathogen Test Results

Ectromelia/Mousepox Virus: Negative, Hantavirus: Negative, K Virus: Negative, Lactate Dehydrogenase-Elevating Virus: Negative, Lymphocytic Choriomeningitis virus: Negative, Mouse Adenovirus: Negative, Mouse Cytomegalovirus: Negative, Mouse Hepatitis Virus: Negative, Mouse Minute Virus: Negative, Mouse Norovirus: Negative, Mouse Parvovirus: Negative, Mouse Rotavirus: Negative, Mycoplasma Pulmonis: Negative, Pneumonia Virus of Mice: Negative, Polyoma Virus: Negative, Reovirus Screen: Negative, Sendai Virus: Negative, Theiler's Murine Encephalomyelitis: Negative

Description

The DV5-1 monoclonal antibody reacts with dengue virus. This antibody is ideal for use as an isotype-matched control for mouse IgG2c antibodies in in vivo and in vitro applications except for those involving dengue virus.

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/bp0366?bxcs=9k1b3a#tab_references or scan the QR code below.



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