Technical Data Sheet

InVivoMAb anti-mouse/human TYRP1/TPR1 (gp75)

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: BE0151
Clone: TA99
Isotype: Mouse IgG2a, k
Recommended Isotype Control(s): InVivoMAb mouse IgG2a isotype control, unknown specificity
Recommended Dilution Buffer: InVivoPure pH 7.0 Dilution Buffer
Immunogen: SK-MEL-23 melanoma cells

in vivo triggering of FcyRs
Immunofluorescence
Flow cytometry

Reported Applications:

Formulation: PBS, pH 7.0
Contains no stabilizers or preservatives

Endotoxin: <2EU/mg (<0.002EU/µg)
Determined by LAL gel clotting assay

Purity: >95%
Determined by SDS-PAGE

Sterility: 0.2 µM filtered

Production: Purified from tissue culture supernatant in an animal free facility

Purification: Protein G

RRID: AB_10949462
Molecular Weight: 150 kDa

Description

The TA99 monoclonal antibody reacts with human and mouse tyrosinase-related protein 1 (TYRP1) also known as glycoprotein 75 (gp75) and MEL-5. TYRP1 is a melanocyte-specific enzyme involved in melanin synthesis as well as the proliferation and cell death of melanocytes. TYRP1 is critical for skin, eye, and hair pigmentation.

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/trp-1-gp75/#references or scan the QR code below.

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