

## InVivoMAb anti-mouse/human TYRP1/TRP1 (gp75)

**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:** BE0151  
**Clone:** TA99  
**Isotype:** Mouse IgG2a,  $\kappa$   
**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  
**Reported Applications:** *in vivo* triggering of Fc $\gamma$ Rs  
Immunofluorescence  
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 filtered  
**Production:** Purified from cell culture supernatant in an animal-free facility  
**Purification:** Protein G  
**RRID:** [AB\\_10949462](https://rrid.info/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.

### 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/be0151?bxcs=9k1b3a#tab\\_references](https://bioxcell.com/be0151?bxcs=9k1b3a#tab_references) or scan the QR code below.



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**Bio X Cell, LLC**  
<https://bioxcell.com>  
+1-866-787-3444  
[customerservice@bioxcell.com](mailto:customerservice@bioxcell.com)

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*Not for resale.*

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