

# Technical Data Sheet

## InVivoMAb anti-human MHC Class I (HLA-A, HLA-B, HLA-C)



**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: BE0079  
Clone: W6/32  
Isotype: Mouse IgG2a,  $\kappa$   
Recommended Isotype Control(s): InVivoMAb mouse IgG2a isotype control, unknown specificity  
Recommended Dilution Buffer: InVivoPure pH 6.5 Dilution Buffer  
Immunogen: Human tonsil cell membrane  
Reported Applications: Functional assays  
Formulation: PBS, pH 6.5  
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\\_1107730](https://europe.chembl.org/entry/AB_1107730)  
Molecular Weight: 150 kDa

### Description

The W6/32 monoclonal antibody reacts with the human major histocompatibility complex (MHC) class I, HLA-A, B, and C. All human nucleated cells express MHC class I antigens associated with  $\beta$ 2-microglobulin. MHC class I plays a central role in cell-mediated immune responses and tumor surveillance.

### 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/catalogsearch/result/?q=BE0079#tab\\_references](https://bioxcell.com/catalogsearch/result/?q=BE0079#tab_references) or scan the QR code below.



---

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

*Conditions: For research use only. Not for use in diagnostic or therapeutic procedures.*

*Not for resale.*

**Bio X Cell, Bio X Cell logo, and all other trademarks are the property of Bio X Cell, LLC © 2024 Bio X Cell, LLC**