

InVivoMAb anti-mouse Pan-endothelial Cell Antigen (MECA-32)

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: BE0200
Clone: MECA-32
Isotype: Rat IgG2a, κ
Recommended Isotype Control(s): InVivoMAb rat IgG2a isotype control, anti-trinitrophenol
Recommended Dilution Buffer: InVivoPure pH 7.0 Dilution Buffer
Immunogen: Mouse lymph node stromal cells
Reported Applications: Immunohistochemistry (frozen)
Flow cytometry
Western blot
Immunofluorescence
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 cell culture supernatant in an animal-free facility
Purification: Protein G
RRID: [AB_10950167](https://eutils.ncbi.nlm.nih.gov/entrez/eutils/rrid.cgi?db=AB)
Molecular Weight: 150 kDa

Description

The MECA-32 monoclonal antibody reacts with mouse pan-endothelial cell antigen also known as MECA-32 and PLVAP (plasmalemma vesicle-associated protein). MECA-32 is a 60 kDa transmembrane homodimer which is expressed on the surface of most endothelial cells. However, MECA-32 shows restricted distribution in the skeletal, cardiac and brain tissues of adult and embryonic mice. In embryonic mice, MECA-32 expression is developmentally regulated in the vessels associated with the blood brain barrier and persists only through day 16 of gestation.

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/be0200?bxcs=9k1b3a#tab_references or scan the QR code below.



Bio X Cell, LLC

<https://bioxcell.com>

+1-866-787-3444

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 © 2025 Bio X Cell, LLC