

Technical Data Sheet

InVivoMAb anti-mouse IL-1 R (CD121a)



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: **BE0256**
Clone: **JAMA-147**
Isotype: Armenian Hamster IgG, κ
Recommended Isotype Control(s): InVivoMAb polyclonal Armenian hamster IgG
Recommended Dilution Buffer: InVivoPure pH 6.0T Dilution Buffer
Immunogen: Extracellular domain of mouse IL-1 R type 1
Reported Applications: *in vivo* IL-1 R blockade
in vitro IL-1 R blockade
Formulation: PBS, pH 6.0 0.01% Tween
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_2661843](https://europepmc.org/abstract/DOI/10.26434/chemrxiv-2020-08-AB_2661843)
Molecular Weight: 150 kDa

Description

The JAMA-147 monoclonal antibody reacts with mouse IL-1 receptor (IL-1 R) type 1 also known as CD121a. IL-1 R is an 80 kDa transmembrane glycoprotein and a member of the immunoglobulin superfamily. The receptor is expressed on T cells, thymocytes, dendritic cells, fibroblasts, vascular endothelial cells, epithelial cells and neural cells. IL-1 R type 1 can bind both IL-1 α and IL-1 β . Upon ligand binding the type I receptor mediates all the known IL-1 biological responses.

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=BE0256#tab_references or scan the QR code below.



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