

InVivoMAb anti-mouse IL-1 R (CD121a)



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:	<i>in vitro</i> IL-1 R blockade
Formulation:	PBS, pH 6.0 0.01% Tween  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_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-1α and IL-1β. Upon ligand binding the type I receptor mediates all the known IL-1 biological responses.

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](https://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/anti-m-il-1-r/#references> or scan the QR code below.

Bio X Cell, Inc.



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