

# Technical Data Sheet

InVivoMAb anti-mouse IFN $\gamma$ R $\alpha$  (CD119)



**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: BE0287  
Clone: 2E2  
Isotype: Armenian hamster IgG  
Recommended Isotype Control(s): InVivoMAb polyclonal Armenian hamster IgG  
Recommended Dilution Buffer: InVivoPure pH 7.0 Dilution Buffer  
Immunogen: Purified soluble recombinant mouse IFN $\gamma$ R $\alpha$  chain  
Reported Applications: Western blot  
Immunoprecipitation  
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 filtration  
Production: Purified from cell culture supernatant in an animal-free facility  
Purification: Protein A  
RRID: [AB\\_2687810](https://identifiers.org/AB_2687810)  
Molecular Weight: 150 kDa

## Description

The 2E2 monoclonal antibody reacts with the mouse IFN $\gamma$ R (interferon gamma receptor)  $\alpha$  chain also known as CD119 and IFN $\gamma$  receptor 1. CD119 heterodimerizes with IFN $\gamma$  receptor 2 (AF-1) to form the IFN $\gamma$ R, a class II cytokine receptor. The IFN $\gamma$ R is expressed ubiquitously on almost all cell types with the exception of mature erythrocytes. The 2E2 antibody is reported as a non-neutralizing antibody; it does not block the binding of IFN $\gamma$  to the receptor.

## 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=BE0287#tab\\_references](https://bioxcell.com/catalogsearch/result/?q=BE0287#tab_references) or scan the QR code below.



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*Not for resale.*

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