

Technical Data Sheet

InVivoMAb anti-mouse IFN γ R (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: BE0029
Clone: GR-20
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: BALB/c mouse monomyelocytic cell line WEHI-3
Reported Applications: *in vivo* IFN γ R neutralization
in vitro IFN γ R neutralization
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_1107576](https://abnova.com/AB_1107576)
Molecular Weight: 150 kDa

Description

The GR-20 monoclonal antibody reacts with the mouse IFN γ R (interferon gamma receptor) α chain also known as CD119 and IFN γ receptor 1. CD119 heterodimerizes with IFN γ receptor 2 (AF-1) to form the IFN γ R, a Class II cytokine receptor. The IFN γ R is expressed ubiquitously on almost all cell types with the exception of mature erythrocytes. The GR-20 antibody binds to an epitope in the ligand-binding site of the receptor and has been shown to block the binding of IFN γ to CD119 therefore inhibiting IFN γ mediated effects.

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=BE0029#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 © 2024 Bio X Cell, LLC