

Technical Data Sheet

InVivoMAb anti-mouse IL-18



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: BE0237
Clone: YIGIF74-1G7
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: Not available or unknown
Reported Applications: *in vivo* IL-18 neutralization
in vitro IL-18 neutralization
Formulation: PBS, pH 7.0
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 cell culture supernatant in an animal-free facility
Purification: Protein G
RRID: [AB_2687719](https://eutils.ncbi.nlm.nih.gov/entrez/eutils/rrid.cgi?db=AB)
Molecular Weight: 150 kDa

Description

The YIGIF74-1G7 monoclonal antibody reacts with mouse IL-18, an 18 kDa pro-inflammatory cytokine. IL-18 is expressed by activated macrophages, keratinocytes, Kupffer cells, intestinal epithelial cells, and osteoblasts. IL-18 has been shown to activate NF-κB, induce Fas ligand expression, induce both CC and CXC chemokine expression, and enhance the production of IFNγ and GM-CSF.

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=BE0237#tab_references or scan the QR code below.

Binding Validation

Validation data shown below confirms that this clone binds to its target antigen. For lot specific binding validation data, e-mail technicalservice@bioxcell.com.



kDa

1

2

250 —

130 —

72 —

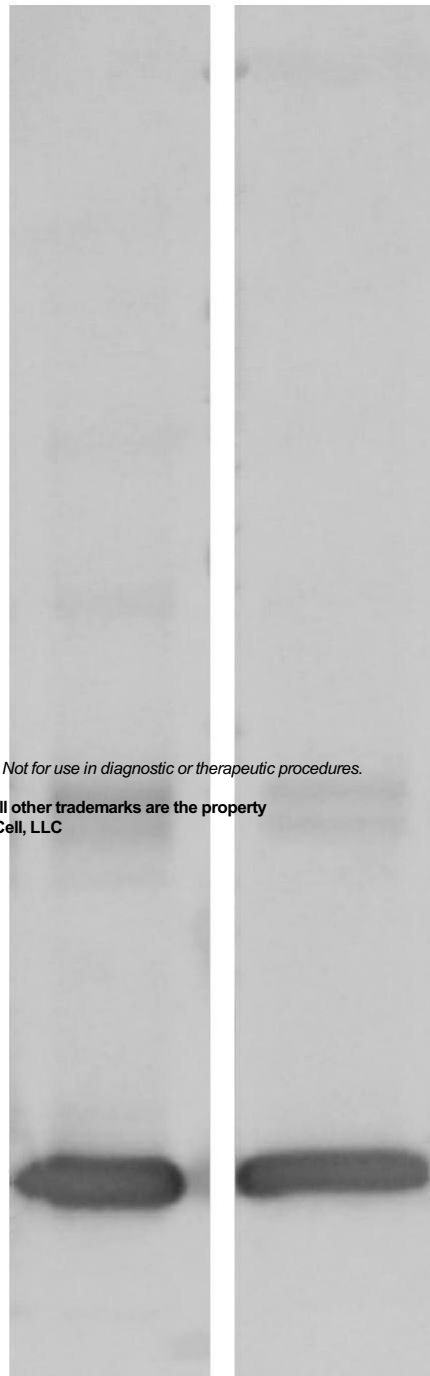
55 —

36 —

28 —

17 —

10 —



Lane 1 :
Lane 2 :

Primary:
15 μ g/m

Seconda
1:1000 c

Predicte

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