

# Technical Data Sheet

## InVivoMAb anti-mouse CXCL9 (MIG)



**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: BE0309  
Clone: MIG-2F5.5  
Isotype: Armenian Hamster IgG,  $\kappa$   
Recommended Isotype Control(s): InVivoMAb polyclonal Armenian hamster IgG  
Recommended Dilution Buffer: InVivoPure pH 7.0 Dilution Buffer  
Reported Applications: *in vivo* CXCL9 neutralization  
Immunofluorescence  
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\\_2736989](https://eutils.ncbi.nlm.nih.gov/entrez/eutils/rrid.cgi?db=AB_2736989)  
Molecular Weight: 150 kDa

### Description

The MIG-2F5.5 monoclonal antibody reacts with mouse CXCL9 also known as MIG. CXCL9 is a chemotactic cytokine that belongs to the CXC subfamily of chemokines. CXCL9 is expressed on monocytes, macrophages, hepatocytes, endothelial cells, and primary glial cells in response to IFN $\gamma$  stimulation. CXCL9 has been shown to be a chemoattractant for resting memory and activated CD4 $^{+}$  and CD8 $^{+}$  T cells, and NK cells expressing its receptor, CXCR3. Binding of CXCL9 to CXCR3 induces various cellular responses, including integrin activation, cytoskeletal changes and chemotactic migration.

### 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/be0309?bxcs=9k1b3a#tab\\_references](https://bioxcell.com/be0309?bxcs=9k1b3a#tab_references) or scan the QR code below.



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*Not for resale.*

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