Technical Data Sheet

*InVivo*MAb anti-mouse CXCL9 (MIG)

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, κ
Recommended Isotype Control(s):	InVivoMAb polyclonal Armenian hamster IgG
Recommended Dilution Buffer:	InVivoPure pH 7.0 Dilution Buffer
Immunogen:	
Reported Applications:	Immunofluorescence
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 tissue culture supernatant in an animal free facility
Purification:	Protein A
RRID:	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 IFNγ 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.

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.

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/invivomab-anti-mouse-cxcl9-mig/#references or scan the QR code below.

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