full spectrum cell analysis®
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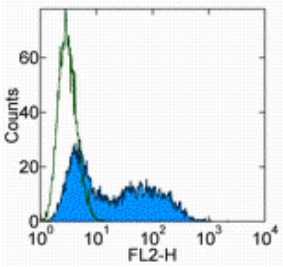
# Anti-Mouse CXCL9 (MIG) PE

Catalog Number: 12-3009
Also Known As: monokine induced by IFN-g
RUO: For Research Use Only. Not for use in diagnostic procedures.




Staining of LPS-stimulated (open histogram) and IFN gamma stimulated (filled histogram) RAW 264.7 cells with Anti-Mouse CXCL9 (MIG) PE. Total viable cells were used for analysis.

## Product Information

Contents: Anti-Mouse CXCL9 (MIG) PE
REF Catalog Number: 12-3009
Clone: MIG-2F5.5
Concentration: 0.2 mg/mL
Host/Isotype: Armenian Hamster IgG

Formulation: aqueous buffer, 0.09% sodium azide, may contain carrier protein/stabilizer
Temperature Limitation: Store at 2-8°C. Do not freeze. Light sensitive material.
LOT Batch Code: Refer to Vial
Use By: Refer to Vial
Caution, contains Azide

## Description

The monoclonal antibody MIG-2F5.5 reacts with mouse monokine induced by IFN gamma (mig, mig-1, CXCL9). This 14.4 kDa inflammatory chemokine is specifically induced by IFN gamma, but not other activators such as LPS or IFN alpha. Secretion of mig, mainly by macrophages results in the chemotaxis of a variety of activated T cells via the CXCR3 chemokine receptor. Mig is involved many areas of research including autoimmune diseases, cancer, and inflammation.

## Applications Reported

This MIG-2F5.5 antibody has been reported for use in intracellular staining followed by flow cytometric analysis.

## Applications Tested

This MIG-2F5.5 antibody has been tested by intracellular staining followed by flow cytometric analysis of IFN-g stimulated thioglycolate PEC and RAW 264.7 cells. This can be used at less than or equal to 0.25 µg per test. A test is defined as the amount (µg) of antibody that will stain a cell sample in a final volume of 100 µL. Cell number should be determined empirically but can range from $10^5$ to $10^8$ cells/test. It is recommended that the antibody be carefully titrated for optimal performance in the assay of interest.

## References

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Wong P, Severns CW, Guyer NB, Wright TM. A unique palindromic element mediates gamma interferon induction of mig gene expression. Mol Cell Biol. 1994 Feb;14(2):914-22.

## Related Products

12-4888 Armenian Hamster IgG Isotype Control PE (eBio299Arm)
14-8311 Mouse IFN gamma Recombinant Protein
88-8823 Fixation & Permeabilization Buffers

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