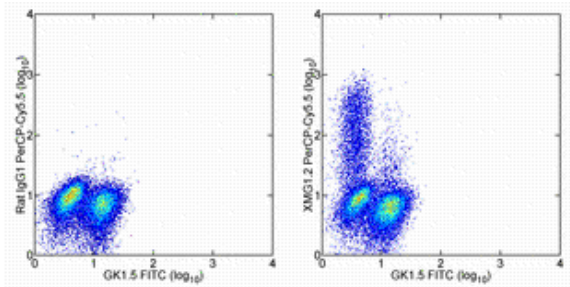


Anti-Mouse IFN gamma PerCP-Cyanine5.5

Catalog Number: 45-7311

Also Known As: Interferon-gamma, IFN-g, IFNg

RUO: For Research Use Only. Not for use in diagnostic procedures.



Intracellular staining of Mouse Cytokine Positive Control Cells (cat. 00-4500) with Anti-Mouse CD4 FITC (cat. 11-0041) and 0.125 μ g of Rat IgG1 K Isotype Control PerCP-Cyanine5.5 (cat. 45-4301) (left) or 0.125 μ g of Anti-Mouse IFN gamma PerCP-Cyanine5.5 (right).

Product Information

Contents: Anti-Mouse IFN gamma PerCP-Cyanine5.5


REF **Catalog Number:** 45-7311

Clone: XMG1.2

Concentration: 0.2 mg/mL

Host/Isotype: Rat IgG1, kappa

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.

 **Batch Code:** Refer to Vial

 **Use By:** Refer to Vial

 **Caution, contains Azide**

Description

The XMG1.2 antibody reacts with mouse interferon (IFN) gamma. The XMG1.2 antibody is a neutralizing antibody. Mouse IFN gamma is a 20 kDa factor produced by activated T, B and NK cells, and is an anti-viral and anti-parasitic cytokine. IFN gamma, in synergy with other cytokines such as TNF alpha, inhibits proliferation of normal and transformed cells. Immunomodulatory effects of IFN gamma are exerted on a wide range of cell types expressing the high affinity receptors for IFN gamma. Glycosylation of IFN gamma does not affect its biological activity.

Applications Reported

This XMG1.2 antibody has been reported for use in intracellular staining followed by flow cytometric analysis.

Applications Tested

This XMG1.2 antibody has been tested by intracellular staining followed by flow cytometric analysis of stimulated mouse splenocytes. This can be used at less than or equal to 0.25 μ g per test. A test is defined as the amount (μ g) of antibody that will stain a cell sample in a final volume of 100 μ L. 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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Hidalgo LG, Urmson J, Halloran PF. IFN-gamma decreases CTL generation by limiting IL-2 production: A feedback loop controlling effector cell production. *Am J Transplant*. 2005 Apr;5(4 Pt 1):651-61. (**XMG1.2**, NU, PubMed)

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Related Products

00-4500 Mouse Cytokine Positive Control Cells
11-0041 Anti-Mouse CD4 FITC (GK1.5)
45-4301 Rat IgG1 K Isotype Control PerCP-Cyanine5.5
45-7319 Anti-Human IFN gamma PerCP-Cyanine5.5 (4S.B3)

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