

## Interferon gamma antibody [XMG1.2] (Biotin)

Cat. No. GTX75118

Host	Rat
Clonality	Monoclonal
Isotype	IgG1
Applications	FCM, ELISA
Reactivity	Mouse

Package  
100 µg

## PRODUCT

## Summary

The XMG1.2 antibody is specific for mouse Interferon-gamma (IFN-g), a 20 kDa type II cytokine known for its central roles in protection against bacterial or viral pathogens and for its anti-tumor properties. IFN-g is secreted by several types of immune cells which allow the cytokine to modulate innate immunity when secreted by NK and NKT cells, and to function in support of adaptive immunity when secreted by Th1 and CD8+ T cells (CTLs).

## Applications

## Application Note

\*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
FCM	Assay dependent
ELISA	Assay dependent

Not tested in other applications.

## Properties

Form	Liquid
Buffer	10mM NaH <sub>2</sub> PO <sub>4</sub> , 150mM NaCl
Preservative	0.09% Sodium azide
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. Store at 4°C. DO NOT FREEZE. Protect from light.
Concentration	0.5 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Recombinant mouse IFN gamma.
Purification	Purified by affinity chromatography From tissue culture supernatant
Conjugation	Biotin

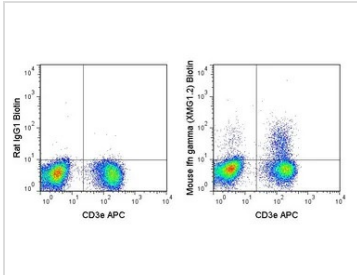


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**Note**

Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

**DATA IMAGES**

**GTX75118 FCM Image**

FACS analysis of C57Bl/6 splenocytes stimulated with PMA and Ionomycin stained APC anti-mouse CD3e antibody, followed by intracellular staining with GTX75118 Interferon gamma antibody [XMG1.2] (Biotin).

Right panel : Co-stained with APC anti-mouse CD3e antibody and GTX75118

Left panel : Co-stained with APC anti-mouse CD3e antibody and Biotin Rat IgG1 isotype control

Antibody amount : 0.25  $\mu$ g



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