

Interferon gamma antibody [XMG1.2] (FITC)

Cat. No. GTX75119

Host	Rat
Clonality	Monoclonal
Isotype	IgG1
Applications	FCM
Reactivity	Mouse

Package
100 µg

PRODUCT

Summary

The XMG1.2 antibody is specific for mouse Interferon-gamma (IFN- γ), 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- γ 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
Not tested in other applications.	

Properties

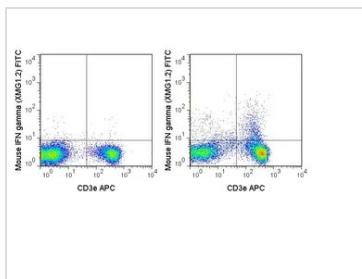
Form	Liquid
Buffer	10mM NaH ₂ PO ₄ , 150mM NaCl, 0.1% Gelatin
Preservative	0.09% Sodium azide
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. Store at 4°C. DO NOT FREEZE. Protect from light.
Concentration	0.5 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Recombinant mouse IFN gamma.
Purification	Purified by affinity chromatography From tissue culture supernatant
Conjugation	Fluorescein isothiocyanate (FITC) Wavelength
For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.	
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.



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DATA IMAGES



GTX75119 FCM Image

FACS analysis of C57Bl/6 splenocytes treated with PMA and Ionomycin using GTX75119 Interferon gamma antibody [XMG1.2] (FITC), followed by intracellular staining with FITC anti-mouse IFN gamma antibody.

Left panel : unstimulated

Right panel : PMA and Ionomycin

Antibody amount : 0.125 µg



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