

APC Anti-Mouse IFN- γ Antibody[XMG1.2]

Catalog Number: E-AB-F1101UE

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

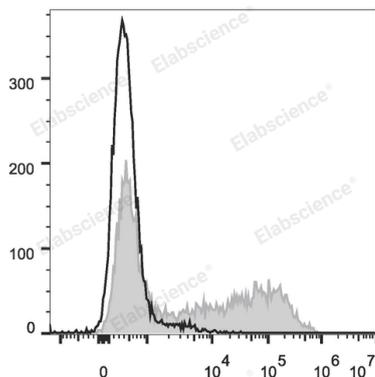
Reactivity	Mouse
Host	Rat
Isotype	Rat IgG1, κ
Clone No.	XMG1.2
Isotype Control	APC Rat IgG1, κ Isotype Control[HRPN] [Product E-AB-F09823E]
Conjugation	APC
Conjugation Information	APC is designed to be excited by the Red (627-640 nm) laser and detected using an optical filter centered near 660 nm (e.g., a 660/20 nm bandpass filter).
Storage Buffer	Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer.

Applications

Recommended usage

FCM	Each lot of this antibody is quality control tested by flow cytometric analysis. Please check your vial before the experiment. Since applications vary, the appropriate dilutions must be determined for individual use. We suggest each investigator should titrate the reagent to obtain optimal results [The recommended concentration is 0.1-1 $\mu\text{g}/10^6$ cells in 100 μL volume].
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Data



HEK293T cells transiently transfected with pcDNA3.1 plasmid encoding Mouse IFN- γ gene are stained with APC Anti-Mouse IFN- γ Antibody (filled gray histogram) or APC Rat IgG1, κ Isotype Control (empty black histogram).

Preparation & Storage

Storage	Keep as concentrated solution. This product can be stored at 2-8°C for 24 months. Please protected from prolonged exposure to light and do not freeze.
Shipping	Ice bag

Antigen Information

Alternate Names	IFN-gamma;IFN γ ;Ifng;Interferon gamma
Uniprot ID	P01580
Gene ID	15978

For Research Use Only

Background

IFN- γ is a potent multifunctional cytokine which is secreted primarily by activated NK cells and T cells. Originally characterized based on anti-viral activities, IFN- γ also exerts anti-proliferative, immunoregulatory, and proinflammatory activities. IFN- γ can upregulate MHC class I and II antigen expression by antigen-presenting cells.