FITC Anti-Human IFN-γ Antibody[B27]

Catalog Number: E-AB-F1196C

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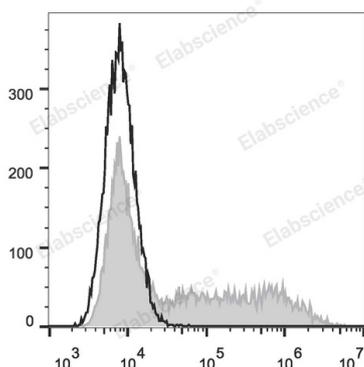
Description

Reactivity	Human
Host	Mouse
Isotype	Mouse IgG1, κ
Clone No.	B27
Isotype Control	FITC Mouse IgG1, κ Isotype Control[MOPC-21] [Product E-AB-F09792C]
Conjugation	FITC
Conjugation Information	FITC is designed to be excited by the Blue laser (488 nm) and detected using an optical filter centered near 530 nm (e.g., a 525/40 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. **The amount of the reagent is suggested to be used 5 µL of antibody per test (million cells in 100 µL staining volume or per 100 µL of whole blood).** Please check your vial before the experiment. Since applications vary, the appropriate dilutions must be determined for individual use.

Data

HEK293T cells transiently transfected with pcDNA3.1 plasmid encoding Human IFN-γ gene are stained with FITC Anti-Human IFN-γ Antibody (filled gray histogram) or FITC Mouse 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;IFNG;IFNγ;Interferon gamma
Uniprot ID	P01579
Gene ID	3458

Toll-free: 1-888-852-8623   Tel: 1-832-243-6086   Fax: 1-832-243-6017
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Rev. V1.6

Background

Interferon-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. The B27 antibody reacts with the human interferon-γ. The B27 antibody can neutralize the bioactivity of natural or recombinant IFN-γ.

For Research Use Only

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