

A Reliable Research Partner in Life Science and Medicine

FITC Anti-Human IFN-y Antibody[B27]

Catalog Number: E-AB-F1196C

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

Description

Reactivity Human Mouse Host

Mouse IgG1, κ Isotype

Clone No. **B27**

FITC Mouse IgG1, κ Isotype Control[MOPC-21] [Product E-AB-F09792C] Isotype Control

Conjugation

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.

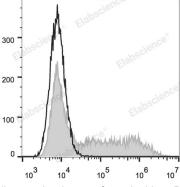
Applications Recommended usage

Each lot of this antibody is quality control tested by flow cytometric analysis. The amount **FCM**

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-y gene are stained with FITC Anti-Human IFN-y 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 12 months. Please protected from prolonged

exposure to light and do not freeze.

Shipping Ice bag

Antigen Information

Alternate Names IFN-gamma;IFNG;IFNy;Interferon gamma

Uniprot ID P01579 Gene ID 3458

For Research Use Only

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Background

Interferon-y is a potent multifunctional cytokine which is secreted primarily by activated NK cells and T cells. Originally characterized based on anti-viral activities, IFN-y also exerts anti-proliferative, immunoregulatory, and proinflammatory activities. IFN-y can upregulate MHC class I and II antigen expression by antigen-presenting cells. The B27 antibody reacts with the human interferon-y. The B27 antibody can neutralize the bioactivity of natural or recombinant IFN-y.

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