

A Reliable Research Partner in Life Science and Medicine

# Elab Fluor® 700 Anti-Human IFN-γ Antibody[B27]

Catalog Number: E-AB-F1196M1

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 Elab Fluor® 700 Mouse IgG1, κ Isotype Control[MOPC-21] [Product E-AB-F09792M1]

Conjugation Elab Fluor® 700

**Conjugation Information** Elab Fluor® 700 is designed to be excited by the Red laser (627-640 nm) and detected

using an optical filter centered near 719 nm (e.g., a 725/40 nm bandpass filter).

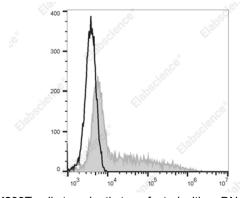
**Storage Buffer** Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer.

#### 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  $\mu$ L of antibody per test (million cells in 100  $\mu$ L staining volume or per 100  $\mu$ L 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- $\gamma$  gene are stained with Elab

Fluor<sup>®</sup> 700 Anti-Human IFN-γ Antibody[B27] (filled gray histogram) or Elab Fluor<sup>®</sup> 700 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 lce 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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# Elabscience®

#### **Elabscience Bionovation Inc.**

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### **Background**

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

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