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# AF/LE Purified Anti-Human IFN-γ Antibody[B27]

Catalog No.E-AB-F11960ReactivityHumanStorageStore at 2~8°C, Avoid freeze / thaw cyclesApplicationsICFCM

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

#### **Antigen Information**

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

Uniprot ID P01579

**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.

#### **Product Details**

 Form
 Liquid

 Concentration
 0.5 mg/mL

 Size
 50μg/500μg/1mg

Clone No. B27 Host Mouse

**Isotype** Mouse IgG1,  $\kappa$ 

**Reactivity** Human **Application** ICFCM

**Isotype Control** AF/LE Purified Mouse IgG1, κ Isotype Control[MOPC-21] [Product E-AB-F097930]

Storage Buffer 0.2 µm filtered in PBS, pH 7.2. Azide Free (AF)/Low Endotoxin (LE): Contains no stabilizers or

stabilizers. Endotoxin level is < 2 EU/mg as Determined by LAL gel clotting assay.

**Shipping** Biological ice pack at 4 °C **Stability & Storage** Keep as concentrated solution.

Store at 2~8°C and protected from prolonged exposure to light.Do not freeze.

This product is guaranteed up to one year from purchase.

For Research Use Only

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## **Fluorophore**

**Conjugation:** None (Purified antibody-Azide Free/Low endotoxin)

## Recommended usage

Each lot of this antibody is quality control tested by flow cytometric analysis. For flow cytometric staining, the suggested use of this reagent is between 0.25-2  $\mu g/mL$  per  $10^6$  cells in  $100~\mu L$  volume or  $100~\mu L$  of whole blood. It is recommended that the reagent be titrated for optimal performance for each application.

#### **Related Information**

- 1. Sample Preparation for Flow Cytometry <a href="https://www.elabscience.com/List-detail-5594.html">https://www.elabscience.com/List-detail-5594.html</a>
- 2. Staining Intracellular Antigens for Flow Cytometry https://www.elabscience.com/List-detail-5570.html
- 3. Flow Cytometry Troubleshooting Tips <a href="https://www.elabscience.com/List-detail-5593.html">https://www.elabscience.com/List-detail-5593.html</a>
- 4. How to select the appropriate detection channel through the spectrogram? https://www.elabscience.com/Listdetail-459742.html

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