



## Product Datasheet

# Low Endotoxin Purified Anti-Human IFN- $\gamma$ Antibody [B27]

Catalogue Code: AGEL2023

### Antibody Data

|                      |                 |               |            |
|----------------------|-----------------|---------------|------------|
| <b>Product SKU:</b>  | <b>AGEL2023</b> | <b>Clone:</b> | <b>B27</b> |
| <b>Applications:</b> | <b>ICFCM</b>    |               |            |
| <b>Reactivity:</b>   | <b>Human</b>    |               |            |

### Important Note:

Centrifuge before opening to ensure complete recovery of vial contents.

### Product Information:

|                         |   |
|-------------------------|---|
| <b>Alternate Names:</b> | Interferon gamma;IFNG;IFN-gamma;IFN $\gamma$ ;  |
| <b>Uniprot ID:</b>      | P01579  |
| <b>Background:</b>      | 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- $\gamma$ . |
| <b>Form:</b>            | Liquid  |
| <b>Conjugation:</b>     | None (AF/LE)  |
| <b>Size:</b>            | 50 $\mu$ g, 500 $\mu$ g, 1mg  |
| <b>Host Species:</b>    | Mouse   |
| <b>Isotype:</b>         | Mouse IgG1, $\kappa$  |
| <b>Isotype Control:</b> | AF/LE Purified Mouse IgG1, $\kappa$ Isotype Control[MOPC-21] [Product AGEL2023]   |
| <b>Storage Buffer:</b>  | 0.2 $\mu$ m 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.  |
| <b>Shipping:</b>        | 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. Centrifuge before opening to ensure complete recovery of vial contents. This product is guaranteed up to one year from purchase.

**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 µg/mL per 10<sup>6</sup> cells in 100 µL volume or 100 µL of whole blood. It is recommended that the reagent be titrated for optimal performance for each application.