# PE/Elab Fluor® 594 Anti-Mouse IFN-γ Antibody[XMG1.2]

**Catalog Number:** E-AB-F1101UP

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

## Description

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| **Reactivity** | Mouse |
| **Host** | Rat |
| **Isotype** | Rat IgG1, κ |
| **Clone No.** | XMG1.2 |
| **Isotype Control** | PE/Elab Fluor® 594 Rat IgG1, κ Isotype Control[HRPN] [Product E-AB-F09823P] |
| **Conjugation** | PE/Elab Fluor®594 |
| **Conjugation Information** | PE/Elab Fluor® 594 is designed to be excited by the blue (488 nm), Green (532 nm) and yellow-green (561 nm) lasers and detected using an optical filter centered near 620 nm (e.g., a 610/20 nm bandpass filter). |
| **Storage Buffer** | Phosphate buffered solution, pH 7.2, containing 0.09% sodium azide and 1% BSA. |

## Applications — Recommended usage

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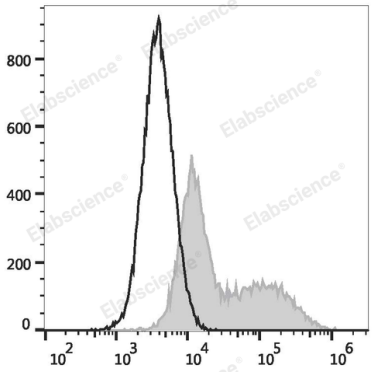
| **FCM** | Each lot of this antibody is quality control tested by flow cytometric analysis. Please check your vial before the experiment. Since applications vary, the appropriate dilutions must be determined for individual use. We suggest each investigator should titrate the reagent to obtain optimal results [The recommended concentration is 0.1-1 μg/$10^6$ cells in 100 μL volume]. |

## Data




HEK293T cells transiently transfected with pcDNA3.1 plasmid encoding Mouse IFN-γ gene are stained with PE/Elab Fluor® 594 Anti-Mouse IFN-γ Antibody (filled gray histogram) or PE/Elab Fluor® 594 Rat IgG1, κ Isotype Control (empty black histogram).

## Preparation & Storage

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| **Storage** | Keep as concentrated solution.<br>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

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| **Alternate Names** | IFN-gamma;IFNγ;Ifng;Interferon gamma |
| **Uniprot ID** | P01580 |

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| **Gene ID** | 15978 |
| **Background** | IFN-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. |