

## Elab Fluor® 700 Anti-Mouse IFN-γ Antibody[XMG1.2]

**Catalog Number:** E-AB-F1101UM1

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

### Description

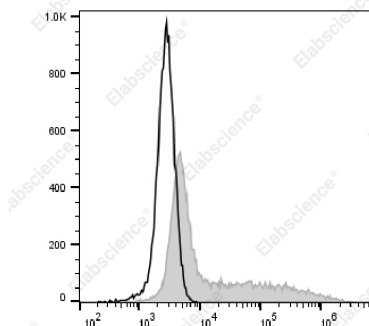
<b>Reactivity</b>	Mouse
<b>Host</b>	Rat
<b>Isotype</b>	Rat IgG1, κ
<b>Clone No.</b>	XMG1.2
<b>Isotype Control</b>	Elab Fluor® 700 Rat IgG1, κ Isotype Control[HRPN] [Product E-AB-F09823M1]
<b>Conjugation</b>	Elab Fluor® 700
<b>Conjugation Information</b>	Elab Fluor® 700 is designed to be excited by the Red laser (627-640 nm) and detected using an optical filter centered near 719 nm (e.g., a 725/40 nm bandpass filter).
<b>Storage Buffer</b>	Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer and 1% protein protectant.

### Applications

### Recommended usage

<b>FCM</b>	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 <sup>6</sup> cells in 100 μL volume].
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### Data



Intracellular staining of the 293T cells transfected with pcDNA3.1 plasmid encoding Mouse IFN-γ gene with Elab Fluor® 700 Anti-Mouse IFN-γ Antibody[XMG1.2](filled gray histogram) or Elab Fluor® 700 Rat IgG1, κ Isotype Control(empty black histogram). Total viable cells were used for analysis.

### Preparation & Storage

<b>Storage</b>	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.
<b>Shipping</b>	Ice bag

### Antigen Information

<b>Alternate Names</b>	IFN-gamma;IFNγ;Iifng;Interferon gamma
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### For Research Use Only

Toll-free: 1-888-852-8623  
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Rev. V1.6

**Uniprot ID**

P01580

**Gene ID**

15978

**Background**

IFN- $\gamma$  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.

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