

## PE/Cyanine7 Anti-Mouse IFN- $\gamma$ Antibody[XMG1.2]

**Catalog Number:** E-AB-F1101H

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

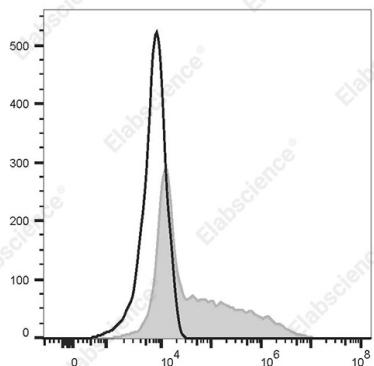
### Description

<b>Reactivity</b>	Mouse
<b>Host</b>	Rat
<b>Isotype</b>	Rat IgG1, κ
<b>Clone No.</b>	XMG1.2
<b>Isotype Control</b>	PE/Cyanine7 Rat IgG1, κ Isotype Control[HRPN] [Product E-AB-F09822H]
<b>Conjugation</b>	PE/Cyanine7
<b>Conjugation Information</b>	PE/Cyanine 7 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 775 nm (e.g., a 780/60 nm bandpass filter).
<b>Storage Buffer</b>	Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer.

### Applications

	<b>Recommended usage</b>
<b>FCM</b>	Each lot of this antibody is quality control tested by flow cytometric analysis. <b>The amount of the reagent is suggested to be used 5 <math>\mu</math>L of antibody per test (million cells in 100 <math>\mu</math>L staining volume or per 100 <math>\mu</math>L of whole blood).</b> 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 Mouse IFN- $\gamma$  gene are stained with PE/Cyanine 7 Anti-Mouse IFN- $\gamma$  Antibody[XMG1.2](filled gray histogram) or PE/Cyanine 7 Rat IgG1, κ Isotype Control (empty black histogram).

### Preparation & Storage

<b>Storage</b>	Keep as concentrated solution. This product can be stored at 2-8°C for 12 months. Please protect from prolonged exposure to light and do not freeze.
<b>Shipping</b>	Ice bag

### Antigen Information

<b>Alternate Names</b>	IFN-gamma, IFN $\gamma$ , Ifng, Interferon gamma
<b>Uniprot ID</b>	P01580

### For Research Use Only

Toll-free: 1-888-852-8623

Web: [www.elabscience.com](http://www.elabscience.com)

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Rev. V1.2

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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