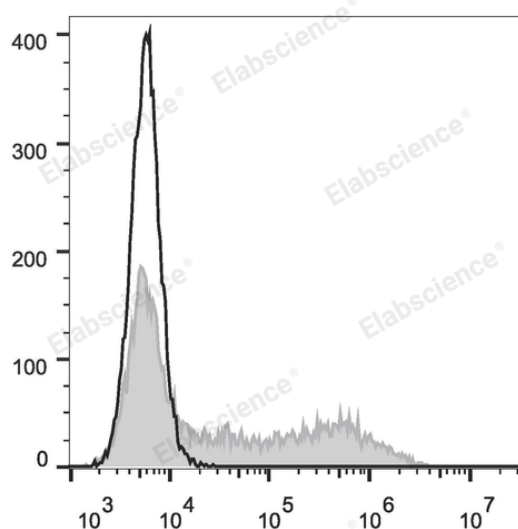


|                       |                                                                                                                                                                                                                                                                                                                                                                                                                  |
|-----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product name:</b>  | FITC Anti-Mouse IFN- $\gamma$ Antibody[XMG1.2]                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Cat number:</b>    | MAB1101UC                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Conjugate:</b>     | FITC is designed to be excited by the Blue laser (488 nm) and detected using an optical filter centered near 530 nm (e.g., a 525/40 nm bandpass filter).                                                                                                                                                                                                                                                         |
| <b>Size:</b>          | 100 $\mu$ g                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Clone:</b>         | XMG1.2                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Concentration:</b> | 0.5 mg/mL                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Host:</b>          | Rat                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Isotype:</b>       | Rat IgG1, $\kappa$                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Reactivity:</b>    | Mouse                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Applications:</b>  | ICFCM - 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 $\mu$ g/10 <sup>6</sup> cells in 100 $\mu$ L volume]. |
| <b>Form:</b>          | Liquid                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Buffer:</b>        | Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer and 1% protein protectant.                                                                                                                                                                                                                                                                                                                      |
| <b>Storage:</b>       | This product can be stored at 2-8°C for 12 months. Please protected from prolonged exposure to light and do not freeze.                                                                                                                                                                                                                                                                                          |
| <b>Background:</b>    | 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.                                       |



HEK293T cells transiently transfected with pcDNA3.1 plasmid encoding Mouse IFN- $\gamma$  gene are stained with FITC Anti-Mouse IFN- $\gamma$  Antibody (filled gray histogram) or FITC Rat IgG1,  $\kappa$  Isotype Control (empty black histogram).