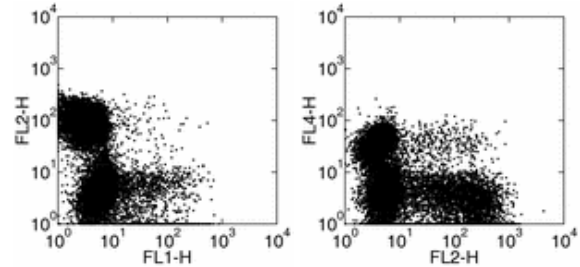


## Product Information

Contents: Functional Grade Purified anti-mouse IFN- $\gamma$   
Catalog Number: 16-7311  
Sizes: 50  $\mu$ g, 500  $\mu$ g  
Formulation: Phosphate buffer pH 7.2,  
150 mM NaCl, No NaN<sub>3</sub>  
Storage Conditions: Store at 4°C.  
Avoid repeated freeze/thaw cycles.  
KEEP CONTENT STERILE.  
Endotoxin Level: Less than 0.001 ng/ $\mu$ g antibody, as  
determined by the LAL assay.  
Clone: XMG1.2  
Isotype: Rat IgG1,  $\kappa$



*Mouse splenocytes were stimulated with ConA for 2 days, followed by IL-2 and IL-4 for 3 days, and restimulated with immobilized anti-CD3 and soluble anti-CD28 in the presence of Brefeldin A for 5 hours. (Left) The cells were surface-stained with PE anti-mouse CD4 (GK1.5) and intracellularly stained with FITC anti-mouse IFN-gamma (XMG1.2). (Right) The cells were surface stained with APC anti-mouse CD4 and intracellularly stained with PE anti-mouse IFN-gamma.*

### Available Formats of This Product

Cat. No.	Format	Excite (nm)	Emit (nm)	Reported Applications
11-7311	FITC anti-mouse IFN $\gamma$ (Interferon-gamma, IFN-g)	488	518	IC
12-7311	PE anti-mouse IFN $\gamma$ (Interferon-gamma, IFN-g)	488	575	IC
13-7311	Biotin anti-mouse IFN $\gamma$ (Interferon-gamma, IFN-g)	N/A	N/A	ELISA
14-7311	Affinity Purified anti-mouse IFN $\gamma$ (Interferon-gamma, IFN-g)	N/A	N/A	ELISA cap
16-7311	Functional Grade* Purified anti-mouse IFN $\gamma$ (Interferon-gamma, IFN-g)	N/A	N/A	BA
17-7311	APC anti-mouse IFN $\gamma$ (Interferon-gamma, IFN-g)	633	660	IC
19-7311	Cy5 anti-mouse IFN $\gamma$ (Interferon-gamma, IFN-g)	633	670	IC
25-7311	Phycoerythrin-Cy7 (PE-Cy7) anti-mouse IFN $\gamma$ (Interferon-gamma, IFN-g)	488	760	IC

\*Functional Grade™ (FG™): Azide-free, sterile-filtered, and endotoxin < 0.001 ng/ $\mu$ g.  
Purified: Contains azide, not sterile-filtered, and not endotoxin tested.

### Description

The XMG1.2 antibody reacts with mouse interferon- $\gamma$ , a 15-20 kDa cytokine secreted by Th1 cells.

### Usage

For research use only, not for diagnostic or therapeutic use. XMG1.2 has been reported for use in neutralizing IFN- $\gamma$  binding and biological activity. Please refer to the supporting protocols for more information. It is recommended that the antibody be carefully titrated for optimal performance in the assay of interest.

### Applications Tested

The XMG1.2 antibody has been tested for neutralizing IFN- $\gamma$  binding and biological activity.

### Related Products

Cat. 88-7234 Mouse IL-23 (p19/p40) ELISA Ready-SET-Go!

### References

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Abrams, J. S., M. G. Roncarolo, et al. (1992). "Strategies of anti-cytokine monoclonal antibody development: immunoassay of IL-10 and IL-5 in clinical samples." Immunol Rev 127: 5-24.

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