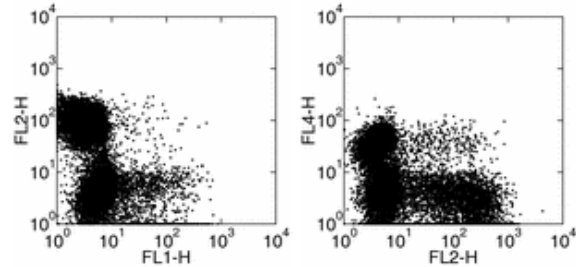


Product Information

Contents: Fluorescein isothiocyanate (FITC) anti-mouse IFN- γ
Catalog Number: 11-7311
Sizes: 25 tests, 50 μ g, 100 μ g
Formulation: Phosphate buffer pH 7.2,
150 mM NaCl, 0.09% NaN₃
Storage Conditions: Store at 4°C.
DO NOT FREEZE.
LIGHT-SENSITIVE MATERIAL.
Clone: XMG1.2
Isotype: Rat IgG1, κ



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-g (XMG1.2). (Right) The cells were surface stained with APC anti-mouse CD4 and intracellularly stained with PE anti-mouse IFN-g.

Available Formats of This Product

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

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

Description

The XMG1.2 antibody reacts with mouse interferon- γ , 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 intracellular flow cytometric analysis.

Applications Tested

The FITC conjugated XMG1.2 is offered in 2 formats:

- μ g size: has been tested by intracellular flow cytometric analysis and can be used at less than or equal to 0.5 μ g/million cells. It is recommended that the antibody be carefully titrated for optimal performance in the assay of interest.
- test size: has been pre-titrated and tested by intracellular flow cytometric analysis and can be used at 20 μ l per million cells in a 100 μ l total staining volume. The pre-titrated test size contains 0.2% BSA.

Related Products

Cat. 11-4301 FITC Rat IgG1 Isotype Control
Cat. 88-7234 Mouse IL-23 (p19/p40) ELISA Ready-SET-Go!

References

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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