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43-1090: Monoclonal Antibody to Mouse IFN gamma NALE™ Purified (Clone: XMG1.2)

Clonality :	Monoclonal
Clone Name :	XMG1.2
Application :	FACS
Reactivity :	Mouse
Gene :	Ifng
Gene ID :	15978
Uniprot ID :	P01580
Alternative Name :	Interferon gamma
Isotype :	Rat IgG1, kappa

Description

The XMG1.2 is a neutralizing antibody that binds with the mouse Interferon-gamma (IFN-Gamma) protein, a 15 -17 kDa cytokine with significant antibacterial, antiviral, and antitumoral properties. When secreted by natural killer cells and by natural killer T lymphocytes, it regulates the immune response and supports adaptive immunity when produced by Th1 or CD8+ T lymphocytes. IFN-Gamma plays an important role in the activation, the growth, and the differentiation of the macrophages, B and T lymphocytes, and natural killer cells. It interacts synergically with other cytokines, such as TNF-Alpha, to inhibit proliferation of normal and transformed cells. IFN- Gamma is the primary cytokine that defines Th-1 cells.The biological activity of IFN-Gamma is not affected by glycosylation.

Product Info

Amount :	500 µg
Content :	2 mg/ml in Phosphate-buffered aqueous solution, ph7.2.
Storage condition :	The product should be stored undiluted at 4°C. Do not freeze. The monoclonal antibody was purified utilizing affinity chromatography. The endotoxin level is determined by LAL test to be less than 0.01 EU/µg of the protein.

Application Note

The antibody has been analyzed for quality through the flow cytometric analysis of the relevant cell type. It is recommended that the reagent be titrated for optimal performance for each application.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.