

Basic Information

Product Name	Anti-IFN Gamma/IFNG Antibody (Clone#8E9)
Gene Name	IFNG
Source	Mouse
Clonality	Monoclonal
Isotype	IgG1
Species Reactivity	rat
Tested Application	ELISA
Contents	500 ug/ml antibody with PBS, 0.02% NaN ₃ , 1 mg/ml BSA and 50% glycerol.
Immunogen	E. coli-derived rat Interferon gamma recombinant protein (Position: Q23-C156). Rat Interferon gamma shares 38% and 86% amino acid (aa) sequence identity with human and mouse Interferon gamma, respectively.
Concentration	500 ug/ml
Purification	protein G purified.
Dilution Ratios	ELISA(Cap):1:50-1:200

Storage

12 months from date of receipt, -20°C as supplied. 6 months 2 to 8°C after reconstitution. Avoid repeated freezing and thawing.

Background Information

Interferon-gamma (IFN-gamma) is an inflammatory cytokine that has been implicated in the development of fibrosis in inflamed tissues. The production of IFN-gamma, which is under genetic control, can influence the development of fibrosis in lung allografts. IFN-gamma is also produced by natural killer (NK) cells and most prominently by CD8 cytotoxic T cells, and is vital for the control of microbial pathogens. Interferon gamma is believed to be crucial for host defence against many infections. Genetically determined variability in IFN-gamma and expression might be important for the development of tuberculosis. IFN-gamma activates human macrophage oxidative metabolism and antimicrobial activity. In addition to having antiviral activity, IFN-gamma has important immunoregulatory functions. IFN-gamma plays an important role in the control of neointima proliferation.

Product datasheet

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Catalog Number: M00393-2

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Selected Validation Data