

Basic Information

Product Name	Anti-IFN Gamma/IFNG Antibody
Gene Name	IFNG
Source	Rabbit
Clonality	Polyclonal
Isotype	IgG
Species Reactivity	rat
Tested Application	WB, ELISA
Contents	500 ug/ml antibody with PBS, 0.02% NaN ₃ , 1 mg/ml BSA and 50% glycerol.
Immunogen	E.coli-derived rat IFN gamma recombinant protein (Position: Q23-C156). Rat IFN gamma shares 38% and 86% amino acid (aa) sequences identity with human and mouse IFN gamma, respectively.
Concentration	500 ug/ml
Purification	Immunogen affinity purified.
Observed MW	19 kDa
Dilution Ratios	Western blot (WB): 1:500-2000 Enzyme linked immunosorbent assay (ELISA):1:100-1000

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

Anti-IFN Gamma/IFNG Antibody

Catalog Number: **PB0062**

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Reference

Anti-IFN Gamma/IFNG Antibody被引用在1文献中。

Selected Validation Data

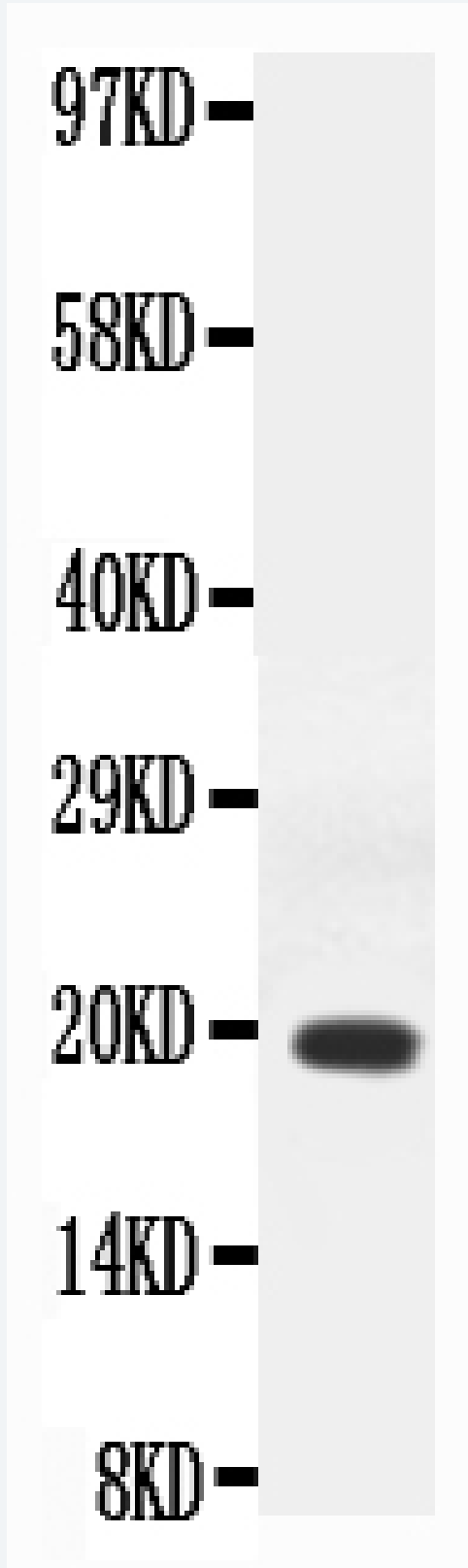


Figure 1. Western blot analysis of IFN Gamma/IFNG using anti-IFN Gamma/IFNG antibody (PB0062).

Lane 1: recombinant Rat Interferon gamma Protein 0.5ng. After electrophoresis, proteins were transferred to a membrane. Then the membrane was incubated with rabbit anti-IFN Gamma/IFNG antigen affinity purified polyclonal antibody (PB0062) at a dilution of 1:1000 and probed with a goat anti-rabbit IgG-HRP secondary antibody (Catalog # BA1054). The signal is developed using ECL Plus Western Blotting Substrate (Catalog # AR1197). A specific band was detected for IFN Gamma/IFNG at approximately 19 kDa.