

## Basic Information

<b>Product Name</b>	Anti-IFN Gamma/IFNG Antibody (Clone#AFII-9)	
<b>Gene Name</b>	Ifng	
<b>Source</b>	Rat	
<b>Clonality</b>	Monoclonal	
<b>Isotype</b>	IgG1, $\kappa$	
<b>Species Reactivity</b>	mouse	
<b>Tested Application</b>	IHC	
<b>Contents</b>	200 ug/ml antibody with PBS , 0.02% NaN <sub>3</sub> , 1 mg BSA and 50% glycerol.	
<b>Immunogen</b>	Recombinant mouse IFN $\gamma$	
<b>Concentration</b>	200 ug/ml	
<b>Purification</b>	protein G purified.	
<b>Dilution Ratios</b>	Immunohistochemistry (IHC):	1:50-400 (Boiling the paraffin sections in 10mM citrate buffer,pH6.0,or PH8.0 EDTA repair liquid for 20 mins is required for the staining of formalin/paraffin sections.) Optimal working dilutions must be determined by end user.

## 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 (Clone#AFII-9)

Catalog Number: **M00393-5**

# BOSTER

antibody and ELISA experts

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## Reference

Anti-IFN Gamma/IFNG Antibody (Clone#AFII-9)被引用在3文献中。

## Selected Validation Data

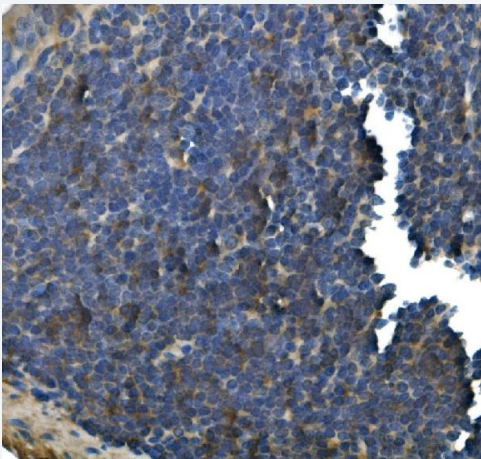


Figure 1. IHC analysis of IFN Gamma using anti-IFN Gamma antibody (M00393-5).

IFN Gamma was detected in paraffin-embedded section of mouse lymphaden tissue. Heat mediated antigen retrieval was performed in EDTA buffer (pH8.0, epitope retrieval solution). The tissue section was blocked with 10% goat serum. The tissue section was then incubated with 5 $\mu$ g/ml rat anti-IFN Gamma Antibody (M00393-5) overnight at 4~C. Biotinylated goat anti-rat IgG was used as secondary antibody and incubated for 30 minutes at 37~C. The tissue section was developed using Streptavidin-Biotin-Complex (SABC) (Catalog # SA1021) with DAB as the chromogen.