

## Interferon gamma Antibody [clone 8E9.] (RQ4510)

Catalog No.	Formulation	Size
RQ4510	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

**Bulk quote request**

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Rat
<b>Format</b>	Purified
<b>Host</b>	Mouse
<b>Clonality</b>	Monoclonal
<b>Isotype</b>	Mouse IgG1
<b>Clone Name</b>	8E9.
<b>Purity</b>	Protein G affinity
<b>Buffer</b>	Lyophilized from 1X PBS with 2% Trehalose and 0.025% sodium azide
<b>UniProt</b>	P01581
<b>Localization</b>	Secreted
<b>Applications</b>	Capture ELISA : 1-5ug/ml (rat recombinant protein)
<b>Limitations</b>	This Interferon gamma antibody is available for research use only.



### Description

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.

## Application Notes

Optimal dilution of the Interferon gamma antibody should be determined by the researcher.

## Immunogen

Rat Interferon gamma recombinant protein (amino acids Q23-C156) was used as the immunogen for the Interferon gamma antibody.

## Storage

After reconstitution, the Interferon gamma antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.