

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

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