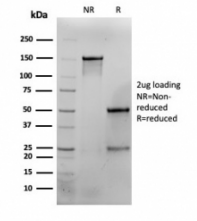
Interferon gamma Antibody [clone IFNG/464] (V4305)

Catalog No.	Formulation	Size
V4305-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	100 ug
V4305-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	20 ug
V4305SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG1, kappa
Clone Name	IFNG/464
Purity	Protein A/G affinity
UniProt	P01579
Localization	Cytoplasm, Extracellular (secreted)
Applications	Flow cytometry: 1-2ug/million cells Immunofluorescence: 1-2ug/ml
Limitations	This Interferon gamma antibody is available for research use only.



SDS-PAGE analysis of purified, BSA-free Interferon gamma antibody (clone IFNG/464) as confirmation of integrity and purity.

Description

Recognizes a protein of 20-25kDa, identified as human interferon. This mAb is specific to human IFN-gamma and

recognizes both recombinant and native human IFN-gamma. T lymphocytes and NK cells mainly produce IFN-gamma. It is a pleiotropic cytokine involved in the regulation of nearly all phases of immune and inflammatory responses, including the activation, growth and differentiation of T cell, B cells, macrophages, NK cells and other cell types such as endothelial cells and fibroblasts. It has weak anti-viral and anti-proliferative activity, and potentiates the antiviral and anti-tumor effects of IFN-A/B (type I interferon).

For an alternative recombinant monoclonal clone targeting IFNG, see our Interferon gamma Antibody rIFNG/4467 / Type II Interferon Antibody page.

Application Notes

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

Immunogen

Purified recombinant human IFN-gamma was used as the immunogen for the Interferon gamma antibody.

Storage

Aliquot the Interferon gamma antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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