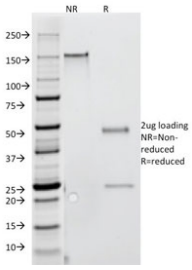
Interferon gamma Antibody [clone G-23] (V2613)

Catalog No.	Formulation	Size
V2613-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V2613-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V2613SAF-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	G-23
Purity	Protein G affinity chromatography
UniProt	P01579
Localization	Cytoplasmic, membranous, extracellular (secreted)
Applications	Flow Cytometry : 0.5-1ug/10^6 cells Immunofluorescence : 0.5-1ug/ml
Limitations	This Interferon gamma antibody is available for research use only.



SDS-PAGE analysis of purified, BSA-free Interferon gamma antibody (clone G-23) as confirmation of integrity and purity.

Description

Recognizes a protein of 20-25kDa, identified as human interferon. This mAb is specific to human IFNg and recognizes both recombinant and native human IFNg. It does not neutralize the activity of IFNg. T lymphocytes and NK cells mainly produce IFN-. 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 IFNa/b (type I interferon).

Application Notes

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

Immunogen

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

Storage

Store the Interferon gamma antibody at 2-8oC (with azide) or aliquot and store at -20oC or colder (without azide).