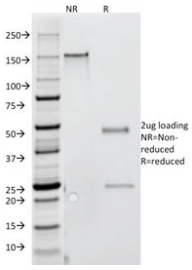
Interferon gamma Antibody G-23 / Mouse Monoclonal [clone G-23] (V2613)

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 G-23 is available for research use only.



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

Description

Interferon gamma Antibody G-23 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).

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 G-23 should be determined by the researcher.

Immunogen

Purified recombinant human IFNG was used as the immunogen for the Interferon gamma Antibody G-23.

Storage

Store the Interferon gamma Antibody G-23 at 2-8oC (with azide) or aliquot and store at -20oC or colder (without azide).

Copyright © NSJ Bioreagents. All rights reserved.