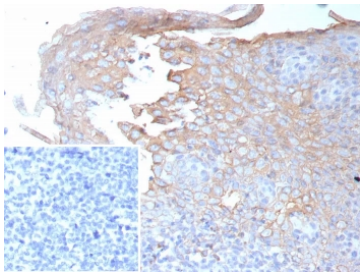
Interferon gamma Antibody / IFNG [clone IFNG/9012] (V5395)

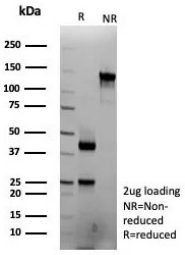
Catalog No.	Formulation	Size
V5395-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	100 ug
V5395-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	20 ug
V5395SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

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/9012
Purity	Protein A/G affinity
UniProt	P01579
Localization	Cytoplasm, Cell Surface
Applications	Immunohistochemistry (FFPE) : 1-2ug/ml
Limitations	This Interferon gamma antibody is available for research use only.



IHC staining of FFPE human tonsil tissue with Interferon gamma antibody (clone IFNG/9012). Inset: PBS used in place of primary Ab (secondary Ab negative control). HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.



SDS-PAGE analysis of purified, BSA-free IFNG antibody (clone IFNG/9012) as confirmation of integrity and purity.

Description

Recognizes a protein of 20-25kDa, identified as human interferon. This MAb is specific to human IFN-g and recognizes both recombinant and native human IFN-gamma. T lymphocytes and NK cells mainly produce IFN-g. 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.

Application Notes

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

Immunogen

A recombinant fragment (within amino acids 1-166) of human IFNG protein 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.

Ordering: Phone: 858.663.9055 | Fax: 1.267.821.0800 | Email: info@nsjbio.com
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