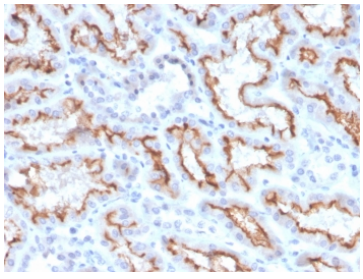
Recombinant Interferon gamma Antibody [clone IFNG/3996R] (V8308)

Catalog No.	Formulation	Size
V8308-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V8308-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V8308SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

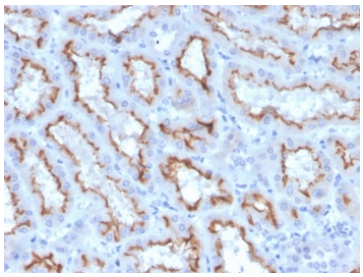
Recombinant RABBIT MONOCLONAL

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Mouse
Clonality	Recombinant Rabbit Monoclonal
Isotype	Rabbit IgG, kappa
Clone Name	IFNG/3996R
Purity	Protein A affinity chromatography
UniProt	P01579
Localization	Cytoplasmic, membranous, extracellular (secreted)
Applications	Immunohistochemistry (FFPE): 1-2ug/ml
Limitations	This recombinant Interferon gamma antibody is available for research use only.



IHC staining of FFPE human kidney with recombinant Interferon gamma antibody (clone IFNG/3996R). HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 10-20 min and allow to cool before testing.



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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. 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 recombinant Interferon gamma antibody should be determined by the researcher.

Immunogen

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

Storage

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

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

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