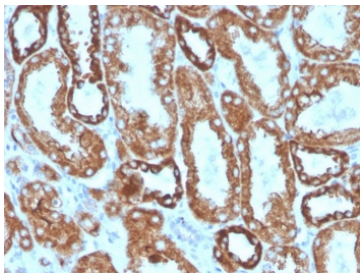
Interferon gamma Antibody Biotin Conjugate [clone IFNG/466] (V3193BTN)

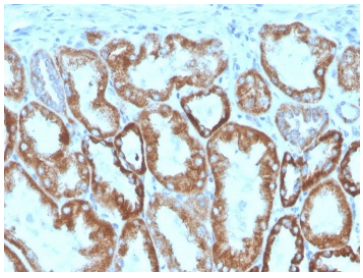
Catalog No.	Formulation	Size
V3193BTN	0.1 mg/ml with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	500 ul

Bulk quote request

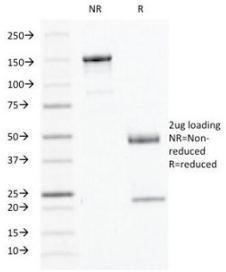
Availability	1-3 business days
Species Reactivity	Human
Format	Biotin Conjugate
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG2b, kappa
Clone Name	IFNG/466
Purity	Protein G affinity chromatography
UniProt	P01579
Localization	Cytoplasm, cell surface
Applications	Immunohistochemistry (FFPE): 2-4ug/ml for 30 minutes at RT
Limitations	This Interferon gamma Antibody Biotin Conjugate is available for research use only.



IHC staining of FFPE human kidney with unlabeled Interferon gamma antibody IFNG/466. HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.



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SDS-PAGE analysis of purified, BSA-free Interferon gamma antibody as confirmation of integrity and purity.

Description

Interferon gamma Antibody Biotin Conjugate recognizes a protein of 20-25kDa, identified as human interferon. This MAb is specific to human IFNg and recognizes both recombinant and native human IFN-gamma. T lymphocytes and NK cells mainly produce IFNg. 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 Biotin Conjugate should be determined by the researcher.

Immunogen

Purified recombinant human full-length protein was used as the immunogen for the Interferon gamma Antibody Biotin Conjugate.

Storage

Store the Interferon gamma Antibody Biotin Conjugate at 2-8oC (up to one month) or aliquot and store at -20oC (longer term).

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