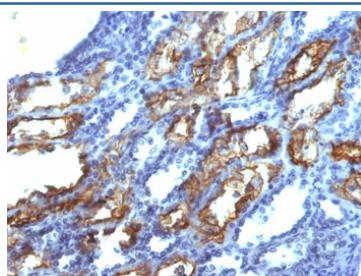


IFN gamma Antibody [clone IFNG/466] (V3193)

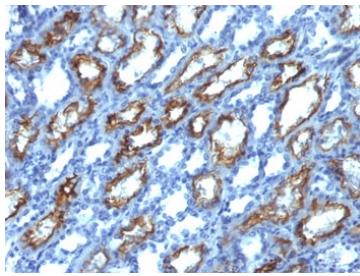
Catalog No.	Formulation	Size
V3193-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V3193-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V3193SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

Bulk quote request

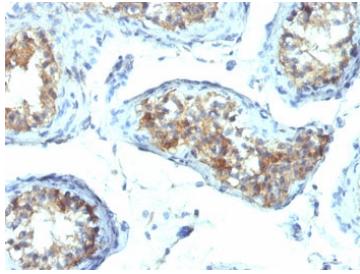
Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG2b, kappa
Clone Name	IFNG/466
Purity	Protein G affinity chromatography
UniProt	P01579
Localization	Cytoplasmic, membranous, extracellular (secreted)
Applications	Immunohistochemistry (FFPE) : 1-2ug/ml for 30 min at RT
Limitations	This IFN gamma antibody is available for research use only.



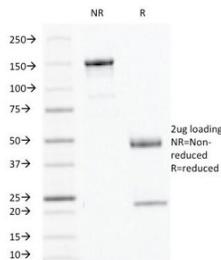
IHC testing of FFPE human renal cell carcinoma with IFN gamma antibody (clone IFNG/466). Required HIER: boil tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 10-20 min.



IHC testing of FFPE human renal cell carcinoma with IFN gamma antibody (clone IFNG/466). Required HIER: boil tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 10-20 min.



IHC testing of FFPE human testis with IFN gamma antibody (clone IFNG/466). Required HIER: boil tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 10-20 min.



SDS-PAGE Analysis of Purified, BSA-Free IFN gamma Antibody (clone IFNG/466). Confirmation of Integrity and Purity of the Antibody.

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. 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 IFNa/b (type I interferon).

Application Notes

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

Immunogen

Human recombinant protein was used as the immunogen for the IFN gamma antibody.

Storage

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

