

Product Datasheet

Interferon gamma Antibody / IFNG (orb2639889)

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).
Species/Host	Mouse
Reactivity	Human
Conjugation	Unconjugated
Tested Applications	IHC-P
Immunogen	Human recombinant protein was used as the immunogen for the IFN gamma antibody.
Preservatives	0.2 mg/ml in 1X PBS with 0.1 mg/ml rAlbumin (US sourced) and 0.05% sodium azide
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Note	For research use only
Application notes	The concentration stated for each application is a general starting point. Variations in protocols, secondaries and substrates may require the ACTH antibody to be titered up or down for optimal performance.
Formula	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide
Isotype	Mouse IgG2b, kappa
Clonality	Monoclonal

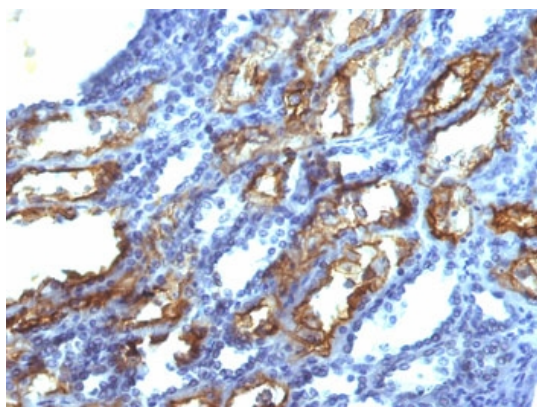
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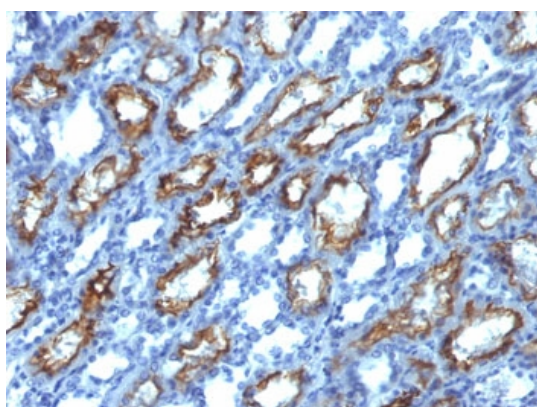
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Clone Number	IFNG/466
Antibody Type	Primary Antibody
Purity	Protein G affinity chromatography
Uniprot ID	P01579
Hazard Information	This IFN gamma antibody is available for research use only.
Dilution Range	Immunohistochemistry (FFPE): 1-2ug/ml for 30 min at RT
Expiration Date	12 months from date of receipt.



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, pH9.0, for 10-20 min.



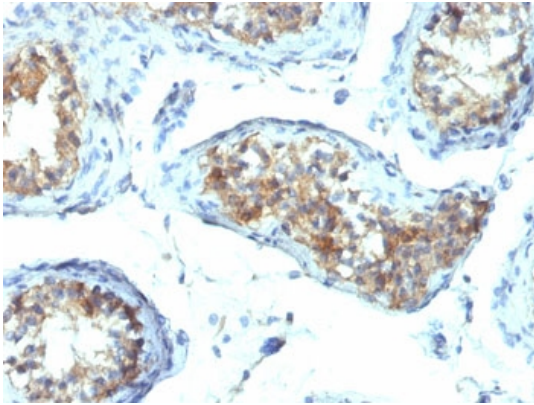
IHC testing of FFPE human renal cell carcinoma with IFN gamma antibody (clone IFNG/466). Required HIER: boil tissue sections in 10mM Tris with 1mM EDTA, pH9.0, for 10-20 min.

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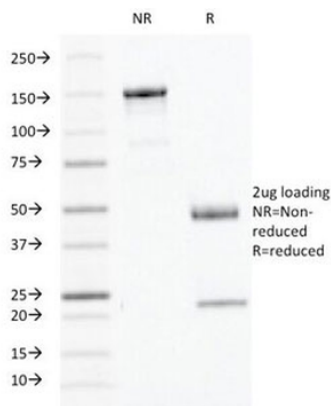
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IHC testing of FFPE human testis with IFN gamma antibody (clone IFNG/466). Required HIER: boil tissue sections in 10mM Tris with 1mM EDTA, pH9.0, for 10-20 min.



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

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