

## Anti-Interferon gamma (IFNG) Monoclonal Antibody

Catalog Number: M00393

### About IFNG

Interferon (IFN)- translated precursor is 166 amino acids, including the 23 amino acid secretory sequence. Multiple forms exist due to variable glycosylation and under non-denaturing conditions due to dimers and tetramers.

### Overview

Product Name	Anti-Interferon gamma (IFNG) Monoclonal Antibody
Reactive Species	Human
Description	Boster Bio Anti-Interferon gamma (IFNG) Monoclonal Antibody (Catalog # M00393). Tested in IHC applications. This antibody reacts with Human.
Conjugate	Biotin
Application	IHC
Clonality	Monoclonal Clone: IFNG/466
Formulation	Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.
Storage Instructions	Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.
Host	Mouse
Uniprot ID	P01579

### Technical Details

Immunogen	Purified recombinant human full-length IFNG protein
Predicted Reactive Species	Bovine, Canine, Mouse, Orangutan, Pig, Rabbit, Rat, Deer
Isotype	IgG2b, kappa
Form	Liquid
Concentration	Purified antibody with BSA and azide at 200ug/ml
Purification	200ug/ml of antibody purified from Bioreactor Concentrate by Protein A/G.
Suggested Dilutions	Dilute the sample so that the expected range of concentrations fall within the detection range of this kit. If the expected range of concentration is unknown, a pilot test should be conducted to decide the

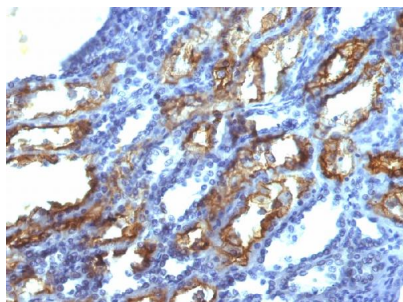
optimal dilution ratio for your samples.

Some PubMed article(s) citing the expression level of this target are as follows:

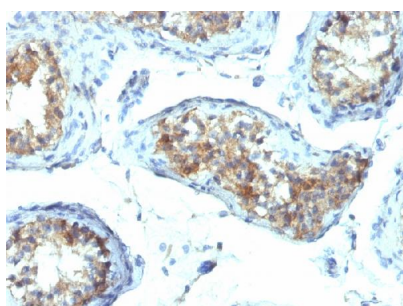
Boster Bio's internal QC testing used:

Immunohistochemistry (Formalin-fixed) (1-2ug/ml for 30 min at RT)(Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95&degC followed by cooling at RT for 20 minutes)Optimal dilution for a specific application should be determined.

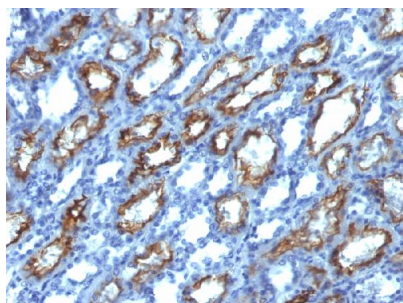
## Anti-Interferon gamma (IFNG) Monoclonal Antibody (M00393) Images



Formalin-fixed, paraffin-embedded human Renal Cell Carcinoma stained with Anti-Interferon gamma Mouse Monoclonal Antibody (IFNG/466).



Formalin-fixed, paraffin-embedded human Testicular Carcinoma stained with Anti-Interferon gamma Mouse Monoclonal Antibody (IFNG/466).



Formalin-fixed, paraffin-embedded human Renal Cell Carcinoma stained with Anti-Interferon gamma Mouse Monoclonal Antibody (IFNG/466).

## 3 Publications Citing This Product

1. PubMed ID: 26222793, Somatostatin Improved B Cells Mature in Macaques during Intestinal Ischemia-Reperfusion
2. PubMed ID: 25483698, Yan X, Wang D, Liang F, Fu L, Guo C. Hum Vaccin Immunother. 2014;10(12):3491-8. Doi: 10.4161/Hv.36084. Hpv16L1-Attenuated Shigella Recombinant Vaccine Induced Strong Vaginal And Systemic Immune Responses In Guinea Pig Model.
3. PubMed ID: 24798997, Somatostatin Inhibits the Production of Interferon- $\gamma$  by Intestinal Epithelial Cells During Intestinal Ischemia?Reperfusion in Macaques

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