BOSTER BIOLOGICAL TECHNOLOGY
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Anti-Interferon gamma IFNG Rabbit Monoclonal Antibody

Catalog Number: M00393-1

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Overview

Product Name	Anti-Interferon gamma IFNG Rabbit Monoclonal Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-Interferon gamma IFNG Rabbit Monoclonal Antibody catalog # M00393-1. Tested in WB, ICC/IF, Flow Cytometry applications. This antibody reacts with Human, Mouse, Rat.
Application	Flow Cytometry, IF, ICC, WB
Clonality	Monoclonal AOFD-9
Formulation	Rabbit IgG in stabilizing components, phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. *This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required.
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	P01579

Technical Details

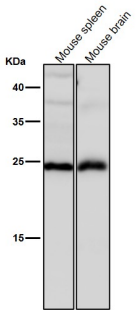
Immunogen	A synthesized peptide derived from human Interferon gamma
Isotype	Rabbit IgG
Form	Liquid
Concentration	0.5mg/ml
Purification	Affinity-chromatography
Suggested Dilutions	WB, 1:500-2000

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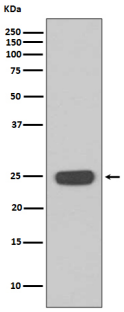
	ICC/IF, 1:50-200 FC, 1:20

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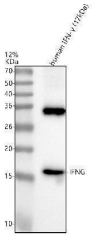
Anti-Interferon gamma IFNG Rabbit Monoclonal Antibody (M00393-1) Images



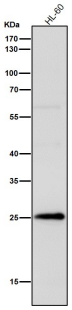
All lanes use the Antibody at 1:1k dilution for 1 hour at room temperature.



Western blot analysis of Interferon gamma expression in Jurkat cell lysate.

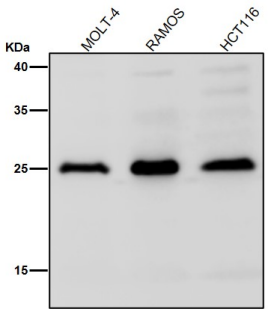


Western blot analysis of IFNG using anti-IFNG antibody (M00393-1). Electrophoresis was performed on a 12% SDS-PAGE gel at 80V (Stacking gel) / 120V (Resolving gel) for 2 hours. The sample well of each lane was loaded with 30 ug of sample under reducing conditions. Lane 1: recombinant human IFNG protein.After electrophoresis, proteins were transferred to a nitrocellulose membrane at 150 mA for 50-90 minutes. Blocked the membrane with 5% non-fat milk/TBS for 1.5 hour at RT. The membrane was incubated with rabbit anti-IFNG antigen affinity purified monoclonal antibody (M00393-1) at 1:500 overnight at 4°C, then washed with TBS-10%%Tween 3 times with 5 minutes each and probed with a goat anti-rabbit IgG-HRP secondary antibody at a dilution of 1:5000 for 1.5 hour at RT. The signal is developed using an ECL Plus Western Blotting Substrate (Catalog # AR1196-200) with Tanon 5200 system. A specific band was detected for IFNG at approximately 17 kDa. The expected band size for IFNG is at 17 kDa.



All lanes use the Antibody at 1:1k dilution for 1 hour at room temperature.

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5 Publications Citing This Product

1. PubMed ID: 31864210, Li Q,Sun J,Cao Y,Liu B,Li L,Mohammadtursun N,Zhang H,Dong J,Wu J.Bu-Shen-Fang-Chuan formula attenuates T-lymphocytes recruitment in the lung of rats with COPD through suppressing CXCL9/CXCL10/CXCL11-CXCR3 axis.Biomed Pharmacother.2020 Mar;123:109735.doi:1

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-? by Intestinal Epithelial Cells During Intestinal Ischemia?Reperfusion in Macaques

Visit bosterbio.com/anti-interferon-gamma-rabbit-monoclonal-antibody-m00393-1-boster.html to see all 5 publications.

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