

Datasheet for ABIN669126

anti-Interferon gamma antibody (AA 75-155)

7 Images

20 Publications

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Overview

Quantity:	100 µL
Target:	Interferon gamma (IFNG)
Binding Specificity:	AA 75-155
Reactivity:	Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Interferon gamma antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Flow Cytometry (FACS), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunofluorescence (Cultured Cells) (IF (cc))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from mouse IFN gamma
Isotype:	IgG
Specificity:	This antibody has been shown to work in frozen tissue section IHC as well, but is not guaranteed for this application.
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Purified by Protein A.

Target Details

Target:	Interferon gamma (IFNG)
Alternative Name:	IFN gamma (IFNG Products)
Background:	<p>Synonyms: Ifg, IFN-g, Interferon gamma, IFN-gamma, Ifng</p> <p>Background: Produced by lymphocytes activated by specific antigens or mitogens. IFN-gamma, in addition to having antiviral activity, has important immunoregulatory functions. It is a potent activator of macrophages, it has antiproliferative effects on transformed cells and it can potentiate the antiviral and antitumor effects of the type I interferons.</p>
Gene ID:	15978
UniProt:	P01580
Pathways:	Interferon-gamma Pathway , Cellular Response to Molecule of Bacterial Origin , Regulation of Leukocyte Mediated Immunity , Positive Regulation of Immune Effector Process , Production of Molecular Mediator of Immune Response , ER-Nucleus Signaling , Regulation of Carbohydrate Metabolic Process , Protein targeting to Nucleus , Autophagy

Application Details

Application Notes:	WB 1:300-5000 ELISA 1:500-1000 FCM 1:20-100 IHC-P 1:200-400 IHC-F 1:100-500 IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200
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Restrictions:	For Research Use only
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Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be

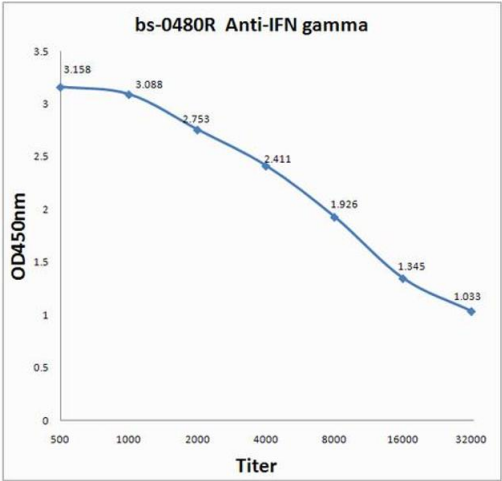
Handling

	handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months

Publications

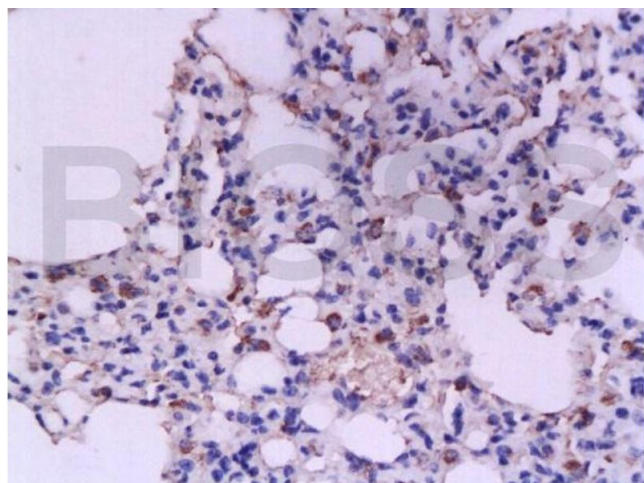
Product cited in:	Wang, Tang, Shen, Chen, Chen, Luo, Ge: "Hepatocyte growth factor (HGF) optimizes oral traumatic ulcer healing of mice by reducing inflammation." in: Cytokine , Vol. 99, pp. 275-280, (2018) (PubMed).
	Turkey: "Effects of Moringa oleifera aqueous leaf extract in alloxan induced diabetic mice." in: Interventional medicine & applied science , Vol. 8, Issue 3, pp. 109-117, (2017) (PubMed).
	Chuang, Jan, Chang, Lu: "The Chinese medicine JC-001 enhances the chemosensitivity of Lewis lung tumors to cisplatin by modulating the immune response." in: BMC complementary and alternative medicine , Vol. 17, Issue 1, pp. 210, (2017) (PubMed).
	Hayashi, Kawakubo-Yasukochi, Mizokami, Hazekawa, Yakura, Naito, Takeuchi, Nakamura, Hirata: "Uncarboxylated Osteocalcin Induces Antitumor Immunity against Mouse Melanoma Cell Growth." in: Journal of Cancer , Vol. 8, Issue 13, pp. 2478-2486, (2017) (PubMed).
	There are more publications referencing this product on: Product page

Images



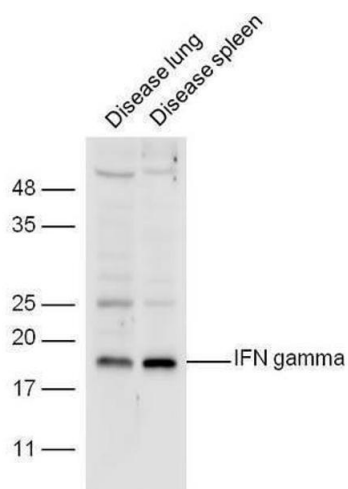
ELISA

Image 1. Antigen: 0.2 µg/100 µL Primary: Antiserum, 1:500, 1:1000, 1:2000, 1:4000, 1:8000, 1:16000, 1:32000; Secondary: HRP conjugated Goat-Anti-Rabbit IgG at 1: 5000; TMB staining; Read the data in MicroplateReader by 450



Immunohistochemistry

Image 2. Formalin-fixed and paraffin embedded rat lung tissue labeled with Anti-IFN-gamma Polyclonal Antibody, Unconjugated (ABIN669126) at 1:200, followed by conjugation to the secondary antibody and DAB staining



Western Blotting

Image 3. Diseased mouse lung and spleen lysates probed with Anti-IFN gamma Polyclonal Antibody at 1:5000 90min in 37°C.

Please check the [product details page](#) for more images. Overall 7 images are available for ABIN669126.