antibodies

Datasheet for ABIN7427651 anti-Interferon gamma antibody (AA 23-156)





Overview

Quantity:	100 µL
Target:	Interferon gamma (IFNG)
Binding Specificity:	AA 23-156
Reactivity:	Rat
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Interferon gamma antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Monoclonal Antibody to Interferon Gamma (IFNg)
Immunogen:	Recombinant Interferon Gamma (IFNg) corresdonding to Gln23~Cys156 with N-terminal His Tag
Clone:	C8
lsotype:	lgG2b kappa
Specificity:	The antibody is a mouse monoclonal antibody raised against IFNg. It has been selected for its ability to recognize IFNg in immunohistochemical staining and western blotting.
Purification:	Protein A + Protein G affinity chromatography

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Target Details	
Target:	Interferon gamma (IFNG)
Alternative Name:	Interferon Gamma (IFNG Products)
Background:	IFN-G, IFG, IFI, INFr, IFN, Immune Interferon
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

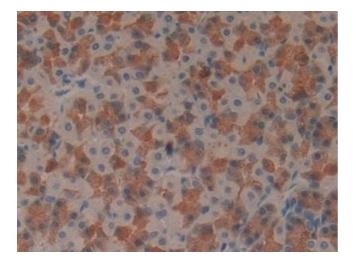
Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL
	Immunohistochemistry: 5-20 µg/mL
	Immunocytochemistry: 5-20 µg/mL
	Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated
	thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious
	degradation and precipitation were observed. The loss rate is less than 5% within the expiration
	date under appropriate storage condition.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months

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Western Blot kDa 70 44 33 26 22 18 ← 17kDa 14 10

Immunohistochemistry

Image 1. Detection of IFNg in Rat Stomach Tissue using Monoclonal Antibody to Interferon Gamma (IFNg)

Western Blotting

Image 2. Detection of Recombinant IFNg, Rat using Monoclonal Antibody to Interferon Gamma (IFNg)

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