

Datasheet for ABIN7072225

Recombinant anti-Interferon gamma antibody



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1 Image

Overview

Quantity:	200 µg
Target:	Interferon gamma (IFNG)
Reactivity:	Human, Baboon
Host:	Rabbit
Antibody Type:	Recombinant Antibody
Clonality:	Chimeric
Conjugate:	This Interferon gamma antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Flow Cytometry (FACS), Blocking Reagent (BR)

Product Details

Purpose:	Anti-IFN gamma [D9D10], Rabbit IgG, kappa
Immunogen:	FPLC-purified natural human IFN-γ. Refer to the original article [PMID: 3114127]
Clone:	D9D10
Isotype:	IgG kappa
Specificity:	Binds human interferon-gamma, a dimerized soluble cytokine that is the only member of the type II class of interferons. Cross reacts with baboon IFN gamma.
Cross-Reactivity:	Baboon
Characteristics:	Original Species of Ab: Mouse Original Format of Ab: IgG1
Purification:	Protein A affinity purified

Target Details

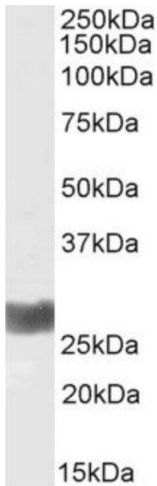
Target:	Interferon gamma (IFNG)
Alternative Name:	IFN gamma (IFNG Products)
Background:	Interferon gamma, Immune interferon , IFN-gamma, IFNG
UniProt:	P01579
Pathways:	Interferon-gamma Pathway , Cellular Response to Molecule of Bacterial Origin , Regulation of Leukocyte Mediated Immunity , Positive Regulation 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:	This antibody can be used to detect both native and recombinant intereferon gamma (IFNg). It is reported only to bind to the functional, dimeric form of IFNg.
Comment:	This chimeric rabbit antibody was made using the variable domain sequences of the original murine IgG1 format, for improved compatibility with existing reagents, assays and techniques.
Restrictions:	For Research Use only

Handling

Concentration:	1 mg/mL
Buffer:	PBS with 0.02 % Proclin 300.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: 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 up to 3 months. For longer storage, aliquot and store at -20°C.



Western Blotting

Image 1. Western Blot using anti-IFN gamma antibody D9D10. Human thymus lysate (35 µg protein in RIPA buffer) was resolved on a 15 % SDS PAGE gel and blots probed with the rabbit IgG-chimeric version of D9D10 (ABIN7072225) at 0.1 µg/mL before detection using an anti-rabbit secondary antibody. Protein was detected by chemiluminescence. The expected unmodified running size for IFN gamma is 19.3 kDa, though the form shown here is likely glycosylated. ABIN7072225 successfully detected IFN gamma in human thymus samples.