Datasheet for ABIN7538090

anti-Interferon gamma antibody

2 Images

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Overview

Quantity:	100 µL
Target:	Interferon gamma (IFNG)
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	Rabbit polyclonal antibodies to human IFN-gamma
Immunogen:	Recombinant human IFN-Gamma (P01579)
Isotype:	IgG, IgM
Specificity:	Gln24-Gln166 with an N-terminal Met
Cross-Reactivity (Details):	May cross-react with other species
Purification:	Immunogen affinity column

Target Details

Target:	Interferon gamma (IFNG)
Alternative Name:	Interferon-gamma (IFNG Products)
Background:	Interferon-gamma (IFN-γ/IFNG) is a dimerized soluble cytokine that is the only member of the type II class of interferon

Target Details

Molecular Weight:	17 kDa
Gene ID:	3458
NCBI Accession:	NP_000610
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

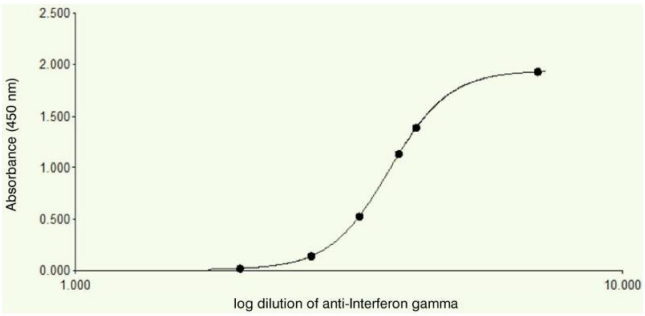
Application Details

Application Notes:	Western blot: 0.1-1.0 µg/mL
Restrictions:	For Research Use only

Handling

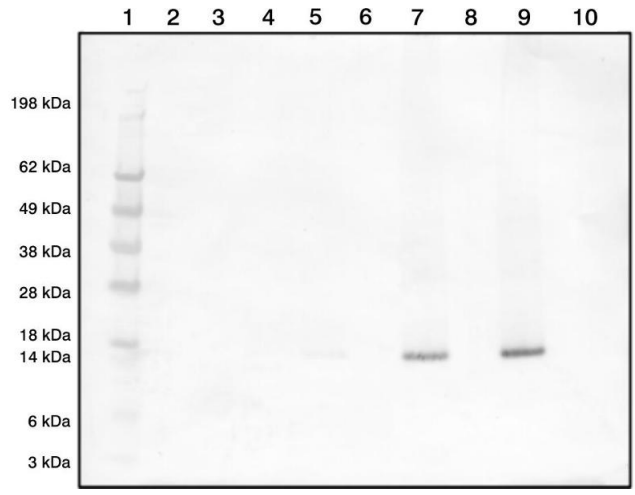
Format:	Liquid
Concentration:	Lot specific
Buffer:	Glycine pH 7.2
Storage:	4 °C,-80 °C
Storage Comment:	Short term up to 1 month at 2-8°C, long term can be held for up to five years at -70°C

Images



ELISA

Image 1. Recombinant Human Interferon gamma detected in a competition ELISA with monoclonal anti-Interferon gamma as the coating antibody, our polyclonal competes for binding to interferon gamma with a biotinylated polyclonal anti-human interferon gamma and detection is with Streptavidin-HRP.



Western Blotting

Image 2. Western blot demonstrating our polyclonal detecting recombinant human Interferon-Gamma (24-166 of P01579) at 1in2000 dilution. (1 = Marker, 2 = IFN-γ (1 ng), 3 = IFN-γ (5 ng), 4 = IFN-γ (10 ng), 5 = IFN-γ (50 ng), 6 = Blank, 7 = IFN-γ (100 ng), 8 = Blank, 9 = IFN-γ (200 ng), 10 = Blank)