

Datasheet for ABIN7427789

anti-Interferon gamma antibody (AA 24-166)



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2 Images

Overview

Quantity:	100 µL
Target:	Interferon gamma (IFNG)
Binding Specificity:	AA 24-166
Reactivity:	Sheep
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) corresponding to Gln24~Met166 (Accession # P17773) with N-terminal His Tag
Clone:	A8
Isotype:	IgG1 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.
Cross-Reactivity:	Goat
Purification:	Protein A + Protein G affinity chromatography

Target Details

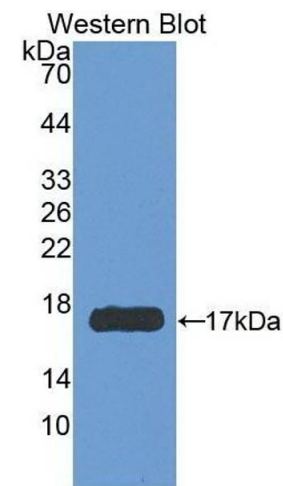
Target:	Interferon gamma (IFNG)
Alternative Name:	IFNg (IFNG Products)
Background:	IFN-G, IFG, IFI, INFr, IFN, Immune Interferon
UniProt:	P17773
Pathways:	Interferon-gamma Pathway , Cellular Response to Molecule of Bacterial Origin , Regulation of Leukocyte Mediated Immunity , Positive Regulation of 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

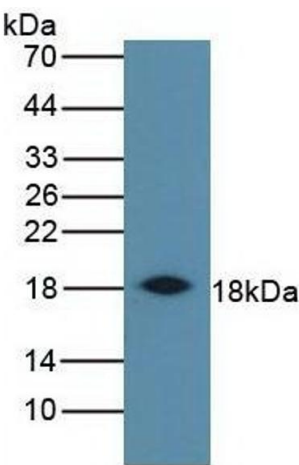
Handling

Format:	Liquid
Concentration:	1 mg/mL
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



Western Blotting

Image 1. Detection of Recombinant IFN γ , Ovine using Monoclonal Antibody to Interferon Gamma (IFN γ)



Western Blotting

Image 2. Detection of IFN γ in Bovine Spleen using Monoclonal Antibody to Interferon Gamma (IFN γ)