Datasheet for ABIN7427318

anti-IFNB1 antibody (AA 23-169)

2 Images

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Overview

Quantity:	100 µL
Target:	IFNB1
Binding Specificity:	AA 23-169
Reactivity:	Rat
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This IFNB1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Monoclonal Antibody to Interferon Beta (IFNb)
Immunogen:	Recombinant Interferon Beta (IFNb) corresdonding to Asp23~Phe169 with N-terminal His Tag
Clone:	C2
Isotype:	IgG1 kappa
Specificity:	The antibody is a mouse monoclonal antibody raised against IFNb. It has been selected for its ability to recognize IFNb in immunohistochemical staining and western blotting.
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

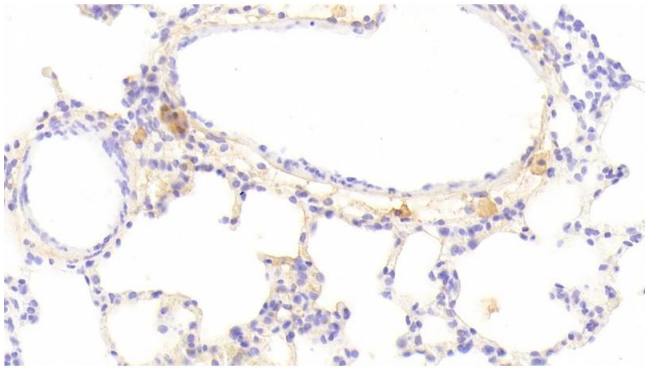
Target:	IFNB1
Alternative Name:	Interferon Beta (IFNB1 Products)
Background:	IFNB1, IFN-B, IFB, IFF, IFNB, Interferon Beta 1 Fibroblast
Pathways:	JAK-STAT Signaling, TCR Signaling, TLR Signaling, Regulation of Leukocyte Mediated Immunity , Production of Molecular Mediator of Immune Response, Positive Regulation of Endopeptidase Activity, Hepatitis C, Autophagy, Inflammasome

Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL 1:500-2000 Immunohistochemistry: 5-20 µg/mL 1:50-200 Immunocytochemistry: 5-20 µg/mL 1:50-200 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

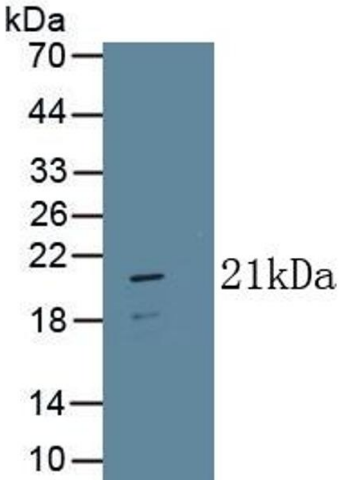
Handling

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



Immunohistochemistry

Image 1. Detection of IFNb in Rat Lung Tissue using Monoclonal Antibody to Interferon Beta (IFNb)



Western Blotting

Image 2. Detection of Recombinant IFNb, Rat using Monoclonal Antibody to Interferon Beta (IFNb)