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Datasheet for ABIN7425770

anti-IFNB1 antibody

4 Images

Overview

Quantity:	100 µL
Target:	IFNB1
Reactivity:	Human
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) corresponding to N-terminal His Tag
Clone:	C5
Isotype:	IgG2a 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.
Cross-Reactivity:	Pig
Purification:	Protein A + Protein G affinity chromatography

Target Details

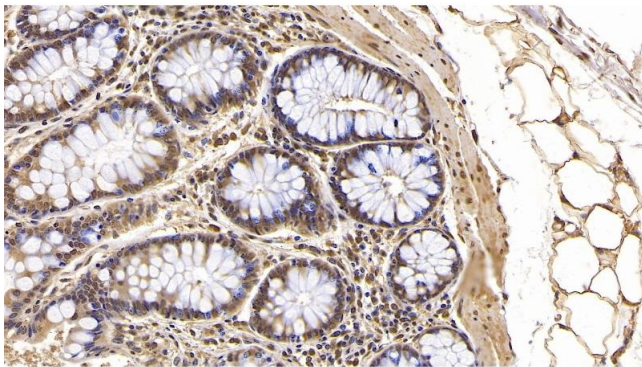
Target:	IFNB1
Alternative Name:	Interferon Beta (IFNB1 Products)
Background:	IFNB1, IFN-B, IFB, IFF, IFNB, Interferon Beta 1 Fibroblast
Pathways:	JAK-STAT Signaling , TCR Signaling , TLR Signaling , Regulation of Leukocyte Mediated Immunity , Production of Molecular Mediator of Immune Response , Positive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

Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL 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

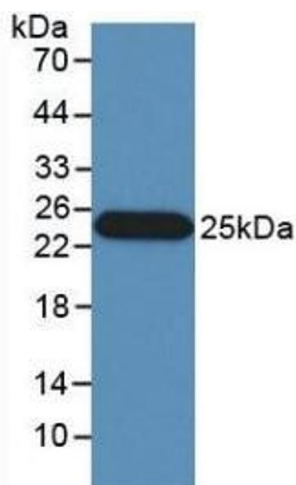
Handling

Format:	Liquid
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.
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 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



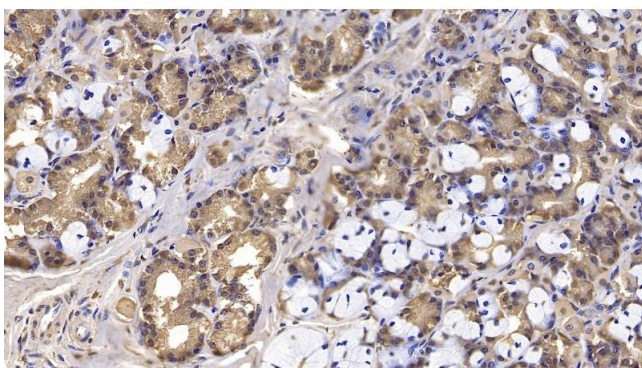
Immunohistochemistry

Image 1. Detection of IFNβ in Human Colon Tissue using Monoclonal Antibody to Interferon Beta (IFNβ)



Western Blotting

Image 2. Detection of Recombinant IFNβ, Human using Monoclonal Antibody to Interferon Beta (IFNβ)



Immunohistochemistry

Image 3. Detection of IFNβ in Human Stomach Tissue using Monoclonal Antibody to Interferon Beta (IFNβ)

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN7425770.