

Datasheet for ABIN7427315
anti-IFNB1 antibody (AA 22-186)



[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	IFNB1
Binding Specificity:	AA 22-186
Reactivity:	Pig
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 Met22~Asn186 with N-terminal His and GST Tag
Clone:	2#
Isotype:	IgG2b 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:	Protein A + Protein G affinity chromatography

Target Details

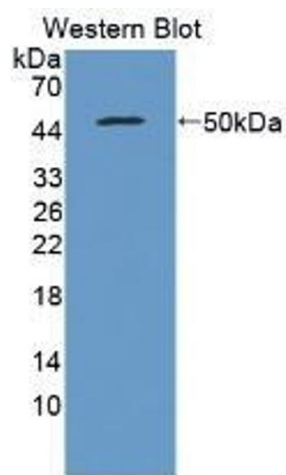
Target:	IFNB1
Alternative Name:	IFNb (IFNB1 Products)
Background:	IFNB1, IFN-B, IFB, IFF, IFNB, Interferon Beta 1 Fibroblast
UniProt:	Q29412
Pathways:	JAK-STAT Signaling , TCR Signaling , TLR Signaling , Regulation of Leukocyte Mediated Immunity , Production of Molecular Mediator of Immune Response , Positive Regulation of Endopeptidase Activity , Hepatitis C , Autophagy , Inflammasome

Application Details

Application Notes:	Western blotting: 0.01-2 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 β , Porcine using Monoclonal Antibody to Interferon Beta (IFN β)