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anti-IFNB1 antibody (N-Term)





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Overview	
Quantity:	400 μL
Target:	IFNB1
Binding Specificity:	AA 39-66, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This IFNB1 antibody is un-conjugated

Cytometry (FACS)

Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Flow

Product Details

Application:

Immunogen:	This IFNB1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 39-66 amino acids from the N-terminal region of human IFNB1.
Clone:	RB22040
Isotype:	IgG
Predicted Reactivity:	Pr
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target Details

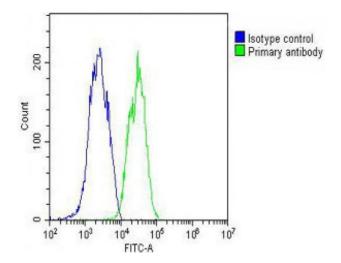
Alternative Name:	IFNB1 (IFNB1 Products)
Background:	IFNB1 has antiviral, antibacterial and anticancer activities.
Molecular Weight:	22294
Gene ID:	3456
NCBI Accession:	NP_002167
UniProt:	P01574
Pathways:	JAK-STAT Signaling, TCR Signaling, TLR Signaling, Regulation of Leukocyte Mediated Immunity , Production of Molecular Mediator of Immune Response, Positive Regulation of Endopeptidase Activity, Hepatitis C, Autophagy, Inflammasome

Application Details

Application Notes:	WB: 1:1000. WB: 1:2000. IHC-P: 1:10~50. FC: 1:25
Restrictions:	For Research Use only

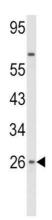
Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
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:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months



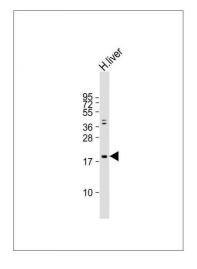
Flow Cytometry

Image 1. Overlay histogram showing HepG2 cells stained with (ABIN652479 and ABIN2842326) (green line). The cells were fixed with 2% paraformaldehyde (10 min) and then permeabilized with 90% methanol for 10 min. The cells were then icubated in 2% bovine serum albumin to block non-specific protein-protein interactions followed by the antibody ((ABIN652479 and ABIN2842326), 1:25 dilution) for 60 min at 37 °C. The secondary antibody used was Goat-Anti-Rabbit IgG, DyLight® 488 Conjugated Highly Cross-Adsorbed(OH191631) at 1/200 dilution for 40 min at 37 °C. Isotype control antibody (blue line) was rabbit IgG (1 μ g/1x10^6 cells) used under the same conditions. Acquisition of >10,000 events was performed.



Western Blotting

Image 2. Western blot analysis of IFNB1 Antibody (N-term) (ABIN652479 and ABIN2842326) in HepG2 cell line lysates (35 μ g/lane). IFNB1 (arrow) was detected using the purified Pab.



Western Blotting

Image 3. Anti-IFNB1 Antibody (N-term) at 1:2000 dilution + human liver lysate Lysates/proteins at 20 μg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size: 22 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.

Please check the product details page for more images. Overall 4 images are available for ABIN652479.