

Datasheet for ABIN1536765
anti-IFNA1 antibody (C-Term)

3 Images

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Overview

Quantity:	400 µL
Target:	IFNA1
Binding Specificity:	AA 164-189, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Flow Cytometry (FACS)

Product Details

Immunogen:	This IFNA1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 164-189 amino acids from the C-terminal region of human IFNA1.
Clone:	RB21762
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	IFNA1
Alternative Name:	IFNA1 (IFNA1 Products)
Background:	IFNA1 is produced by macrophages, IFN-alpha have antiviral activities. Interferon stimulates the production of two enzymes: a protein kinase and an oligoadenylate synthetase.

Target Details

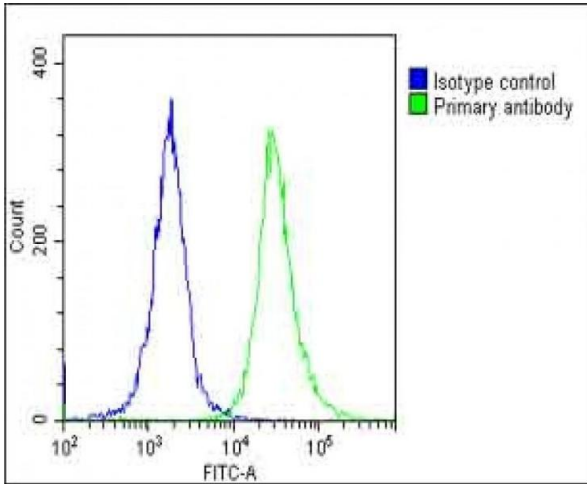
Molecular Weight:	21725
Gene ID:	3439, 3447
NCBI Accession:	NP_008831 , NP_076918
UniProt:	P01562
Pathways:	JAK-STAT Signaling , Hepatitis C

Application Details

Application Notes:	WB: 1:1000. WB: 1:2000. FC: 1:25
Restrictions:	For Research Use only

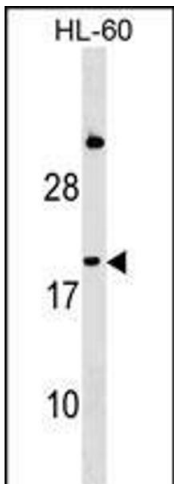
Handling

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:	IFNA1 Antibody (C-term) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, keep at -20 °C.
Expiry Date:	6 months



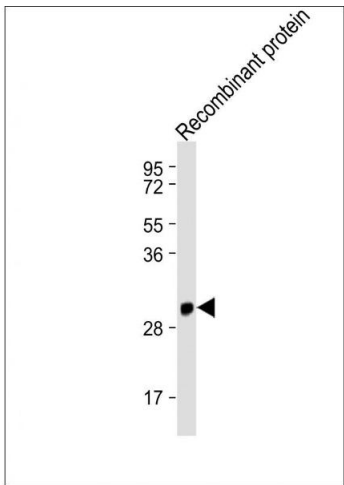
Flow Cytometry

Image 1. Overlay histogram showing Hela cells stained with (ABIN1536765 and ABIN2849630)(green line). The cells were fixed with 2 % paraformaldehyde (10 min) and then permeabilized with 90 % methanol for 10 min. The cells were then incubated in 2 % bovine serum albumin to block non-specific protein-protein interactions followed by the antibody ((ABIN1536765 and ABIN2849630), 1:25 dilution) for 60 min at 37 °C. The secondary antibody used was Goat-Anti-Rabbit IgG, DyLight® 488 Conjugated Highly Cross-Adsorbed(1583138) at 1/200 dilution for 40 min at 37 °C. Isotype control antibody (blue line) was rabbit IgG1 (1 µg/1x10⁶ cells) used under the same conditions. Acquisition of >10,000 events was performed.



Western Blotting

Image 2. IFNA1 Antibody (C-term) (ABIN1536765 and ABIN2849630) western blot analysis in HL-60 cell line lysates (35 µg/lane). This demonstrates the IFNA1 antibody detected the IFNA1 protein (arrow).



Western Blotting

Image 3. Anti-IFNA1 Antibody (C-term) at 1:2000 dilution + Recombinant protein Lysates/proteins at 20 ng 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.