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Datasheet for ABIN6262561 anti-IL28B antibody

2 Images



Overview

Quantity:	100 µL
Target:	IL28B
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This IL28B antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	A synthesized peptide derived from human IL28B
Isotype:	IgG
Specificity:	IL28B Antibody detects endogenous levels of total IL28B
Cross-Reactivity:	Human, Mouse (Murine), Rat (Rattus)
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink TM Coupling
	Resin (Thermo Fisher Scientific).

Target Details

Target:	IL28B
Alternative Name:	IL28B (IL28B Products)
Background:	Description: Cytokine with antiviral, antitumour and immunomodulatory activities. Plays a

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	critical role in the antiviral host defense, predominantly in the epithelial tissues. Acts as a ligand
	for the heterodimeric class II cytokine receptor composed of IL10RB and IFNLR1, and receptor
	engagement leads to the activation of the JAK/STAT signaling pathway resulting in the
	expression of IFN-stimulated genes (ISG), which mediate the antiviral state. Has a restricted
	receptor distribution and therefore restricted targets: is primarily active in epithelial cells and
	this cell type-selective action is because of the epithelial cell-specific expression of its receptor
	IFNLR1. Seems not to be essential for early virus-activated host defense in vaginal infection, but
	plays an important role in Toll-like receptor (TLR)-induced antiviral defense. Plays a significant
	role in the antiviral immune defense in the intestinal epithelium. Exerts an immunomodulatory
	effect by up-regulating MHC class I antigen expression.
	Gene: IFNL3
Molecular Weight:	22 kDa
Gene ID:	282617
UniProt:	Q8IZI9, Q8IZJ0

Application Details

Application Notes:	WB 1:1000-3000 IHC 1:200
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 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:	-20 °C
Storage Comment:	Store at -20 °C.Stable for 12 months from date of receipt
Expiry Date:	12 months

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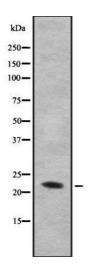
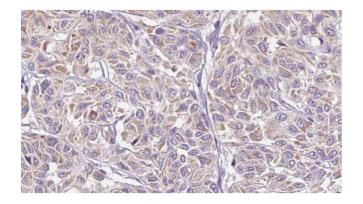




Image 1. Western blot analysis IL28B using HuvEc whole cell lysates



Immunohistochemistry

Image 2. ABIN6278898 at 1/100 staining Human Melanoma tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22jãC. An HRP conjugated goat anti-rabbit antibody was used as the secondary