

Rabbit IL28B Polyclonal Antibody | anti-IL28B antibody

IL28B Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA327755	Rabbit	Human, Mouse, Rat	ELISA, Immunohistochemistry, Western Blot

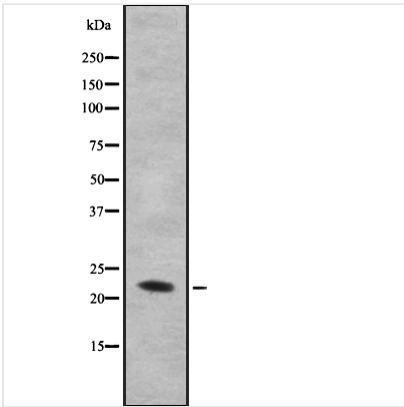
PRODUCT SYNONYMS

IL28B; Polyclonal Antibody; IL28B Antibody; Cytokine ZCYTO22; IFN-lambda-3; IFN-lambda-4; IL-28B; IL-28C; IL28B_HUMAN; IL28C; Interferon lambda-3; Interferon lambda-4; interleukin 28B (interferon; lambda 3); Interleukin 28C; Interleukin-28B; Interleukin-28C; Cytokine ZCYTO20; IFN-lambda-2; IFNL2; IL-28A; IL28A; IL28A_HUMAN; Interferon lambda 2; Interferon lambda-2; interleukin 28A (interferon; lambda 2); Interleukin 28A; Interleukin-28A; ZCYTO20; anti-IL28B antibody

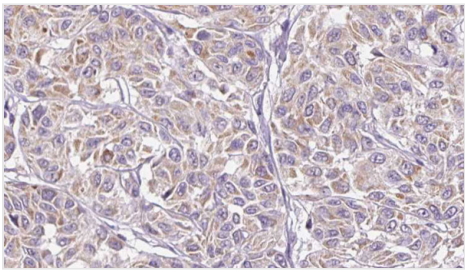
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	IL28B antibody detects endogenous levels of total IL28B
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	200
Applicable Applications for anti-IL28B antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human IL28B
Subcellular Location	Secreted.
Tissue Specificity	By viral infections or double-stranded RNA.
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)
Western blot analysis IL28B using HuvEc whole cell lysates



IHC (Immunohistochemistry)
AAA327755 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 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.

ADDITIONAL INFORMATION

Related Product Information for anti-IL28B antibody	Function: Cytokine with antiviral, antitumour and immunomodulatory activities. Plays a 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. Similarity: Belongs to the lambda interferon family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	1100961536
NCBI GeneID	282617
NCBI Accession #	NP_001333866.1
NCBI GenBank Nucleotide #	NM_001346937.1
UniProt Accession #	Q8IZI9; Q45KQ8; Q6VN55; Q8IWL7
Molecular Weight	Observed: 22 kDa Predicted: 22 kDa
NCBI Official Full Name	interferon lambda-3 isoform 1
NCBI Official Synonym Full Names	interferon lambda 3
NCBI Official Symbol	IFNL3
NCBI Official Synonym Symbols	IL28B; IL28C; IL-28B; IL-28C; IFN-lambda-3; IFN-lambda-4
NCBI Protein Information	interferon lambda-3
UniProt Protein Name	Interferon lambda-2
UniProt Gene Name	IFNL2
UniProt Synonym Gene Names	IL28A; ZCYTO20; IFN-lambda-2; IL-28A

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

