



Rabbit Anti-IL-28R antibody

SL11137R

Product Name:	IL-28R
Chinese Name:	白细胞介素28受体抗体
Alias:	Alternative namesIFNLR; Class II cytokine receptor CRF2/12; CRF2/12; Cytokine receptor family 2 member 12; IFN lambda R1; IFNLR1; il-28r1; IL28R alpha; Interferon lambda receptor 1; Interferon lambda receptor; Interleukin 28 receptor alpha chain; LICR2; Likely interleukin or cytokine receptor 2.I28RA_HUMAN
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Dog,Pig,Cow,Rabbit,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	55kDa
Cellular localization:	The cell membrane
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human IL-28R:51-150/520<Extracellular>
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	IL-28R is a 535 amino acid protein encoded by the human gene IL28RA. IL-28R belongs to the type II cytokine receptor family and contains 1 fibronectin type-III domain. It is a single-pass type I membrane protein found as a heterodimer with IL-

10RB. This is a receptor for a small family of structurally-related cytokines that, like IFNs, are known to induce antiviral activity. The expression of IFN-I (IL-28) mRNA is inducible by viral infection in several cell lines. The receptor complex (IL-28R) that is utilized by all three IFN-I proteins for signaling is composed of two subunits, a receptor designated IL-28R and IL-10R2. Both receptor chains are constitutively expressed on a wide variety of human cell lines and tissues and signal through the Jak-STAT (Janus kinases-signal transducers and activators of transcription) pathway.

Function:

IL28RA is a class II cytokine receptor that interacts with IL10RB to bind IL28A, IL28B, and IL29, which are related to type I interferons. These ligands play a critical role in response to microbial challenge and activate the JAK/STAT signaling system. It heterodimers with IL10RB. There are 4 isoforms as result of alternative splicing. It is widely expressed. IL28RA belongs to the type II cytokine receptor family, and contains 1 fibronectin type III domain.

Subunit:

Heterodimer with IL10RB.

Subcellular Location:

Membrane; Single-pass type I membrane protein

Tissue Specificity:

Widely expressed.

Similarity:

Belongs to the type II cytokine receptor family.
Contains 1 fibronectin type-III domain.

SWISS:

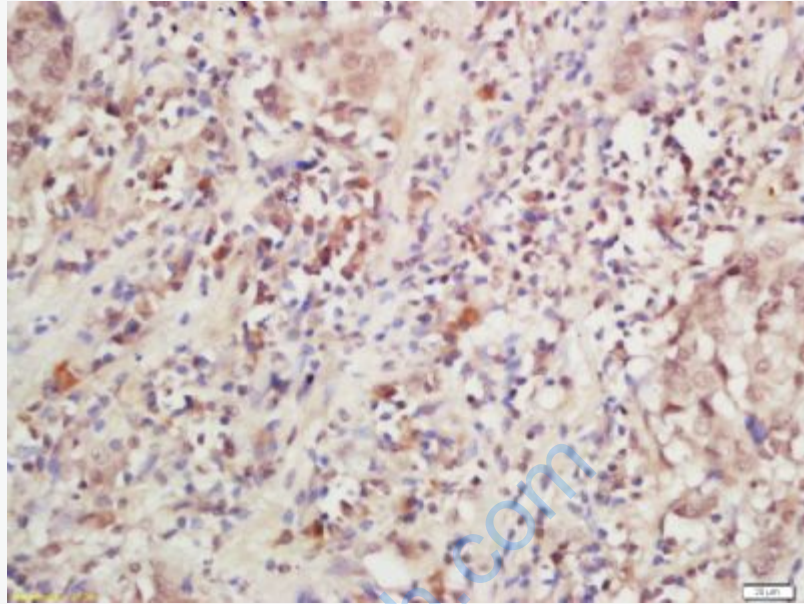
Q8IU57

Gene ID:

163702

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

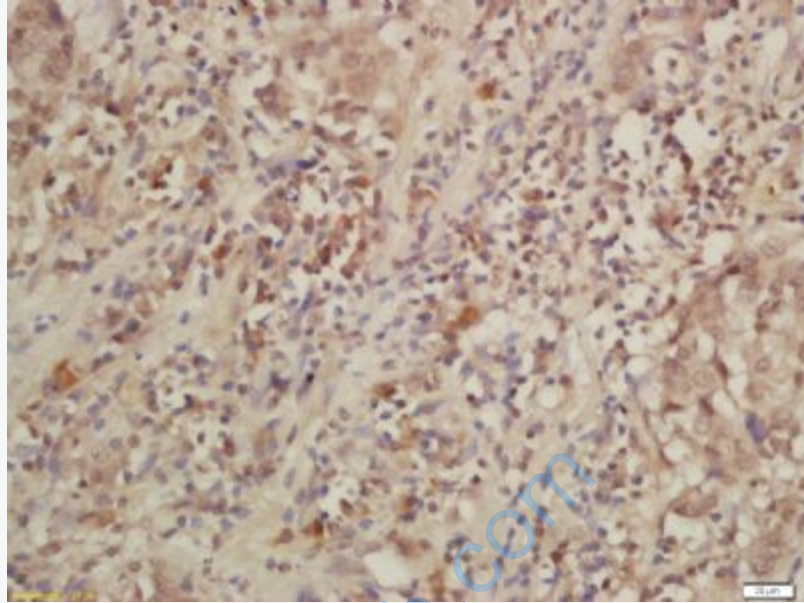


Picture:

Tissue/cell: human laryngeal tissue; 4% Paraformaldehyde-fixed and paraffin-embedded;

Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37°C for 20 min;

Incubation: Anti-IL-28R Polyclonal Antibody, Unconjugated(SL11137R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining



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