

Rabbit Anti-IL-17F antibody

SL10267R

Product Name	IL-17F
Chinese Name	白介素 17F 抗体
Alias	Interleukin 17F;Cytokine ML-1;IL-17F,IL17F_HUMAN;Interleukin-17F;CANDF6;ML1.
Research Area	Cell biology Apoptosis
Immunogen Species	Rabbit
Clonality	Polyclonal
React Species	Rat, (predicted: Human,) IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500 (Paraffin sections need antigen repair)
Applications	not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Theoretical molecular weight	29kDa
Cellular localization	cytoplasmic The cell membrane
Form	Liquid
Concentration	1mg/ml
immunogen	KLH conjugated synthetic peptide derived from human IL-17F: 21-120/163
Lsotype	IgG
Purification	affinity purified by Protein A
Buffer Solution	1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol.
Storage	Shipped at 4°C. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
Attention	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
PubMed	PubMed
Product Detail	The protein encoded by this gene is a cytokine that shares sequence similarity with IL17. This cytokine is expressed by activated T cells, and has been shown to stimulate the production of several other cytokines, including IL6, IL8, and

CSF2/GM-CSF. This cytokine is also found to inhibit the angiogenesis of endothelial cells and induce endothelial cells to produce IL2, TGFB1/TGFB, and monocyte chemoattractant protein-1. [provided by RefSeq, Jul 2008]

Function:

Stimulates the production of other cytokines such as IL-6, IL-8 and granulocyte colony-stimulating factor, and can regulate cartilage matrix turnover. Stimulates PBMC and T-cell proliferation. Inhibits angiogenesis.

Subunit:

Homodimer; disulfide-linked.

Subcellular Location:

Secreted.

Tissue Specificity:

Expressed in activated, but not resting, CD4+ T-cells and activated monocytes.

DISEASE:

Defects in IL17F are the cause of familial candidiasis type 6 (CANDF6) [MIM:613956]. CANDF6 is a rare disorder with altered immune responses and impaired clearance of fungal infections, selective against *Candida*. It is characterized by persistent and/or recurrent infections of the skin, nails and mucous membranes caused by organisms of the genus *Candida*, mainly *Candida albicans*.

Similarity:

Belongs to the IL-17 family.

SWISS:

Q96PD4

Gene ID:

112744

Database links:

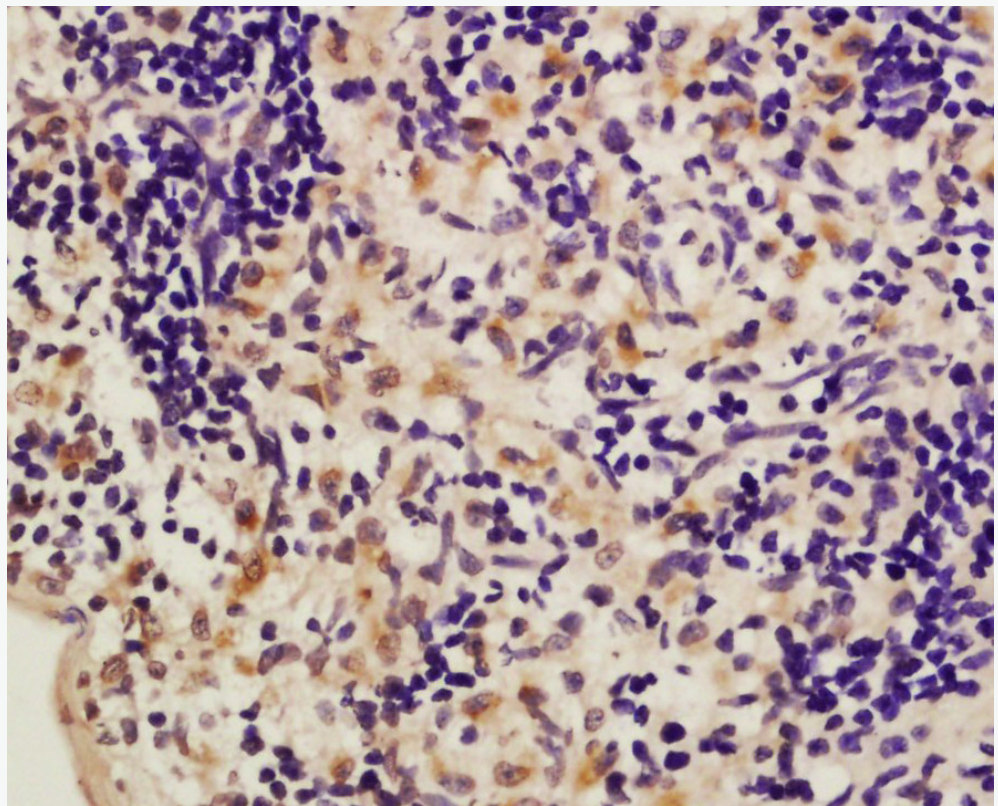
[Entrez Gene: 112744](#) Human

[Omin: 606496](#) Human

[SwissProt: Q96PD4](#) Human

[Unigene: 272295](#) Human

Product Picture



Tissue/cell: rat spleen tissue; 4% Paraformaldehyde-fixed and paraffin-embedded;

Antigen retrieval: citrate buffer (1M, 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-17F Polyclonal Antibody, Unconjugated(SL10267R)

1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining