



## Rabbit Anti-IL17F antibody

SL2614R

<b>Product Name:</b>	IL17F
<b>Chinese Name:</b>	白介素-17F抗体
<b>Alias:</b>	Interleukin 17F;Cytokine ML-1;IL-17F,IL17F_HUMAN;Interleukin-17F;CANDF6;ML1.
<b>Organism Species:</b>	Rabbit
<b>Clonality:</b>	Polyclonal
<b>React Species:</b>	Human,Mouse,
<b>Applications:</b>	WB=1:500-2000ELISA=1:500-1000 not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
<b>Molecular weight:</b>	17kDa
<b>Cellular localization:</b>	Secretory protein
<b>Form:</b>	Lyophilized or Liquid
<b>Concentration:</b>	1mg/ml
<b>immunogen:</b>	KLH conjugated synthetic peptide derived from human IL-17F:71-163/163
<b>Lsotype:</b>	IgG
<b>Purification:</b>	affinity purified by Protein A
<b>Storage Buffer:</b>	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
<b>Storage:</b>	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.
<b>PubMed:</b>	<a href="#">PubMed</a>
<b>Product Detail:</b>	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

[Omid: 606496](#)Human

[SwissProt: Q96PD4](#)Human

[Unigene: 272295](#)Human

**Important Note:**

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

**Picture:**

Sample:

RAW264.7 (Mouse) Cell Lysate at 30 ug

Jurkat(Human) Cell Lysate at 30 ug

HL-60(Human) Cell Lysate at 30 ug

LOVO(Human) Cell Lysate at 30 ug

Primary: Anti-IL17F (SL2614R) at 1/500 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 17 kD

Observed band size: 22 kD