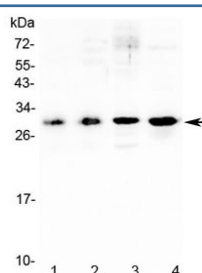


## IL17F Antibody / Interleukin 17F (R32918)

Catalog No.	Formulation	Size
R32918	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

**Bulk quote request**

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Mouse, Rat
<b>Format</b>	Antigen affinity purified
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit IgG
<b>Purity</b>	Antigen affinity
<b>Buffer</b>	Lyophilized from 1X PBS with 2.5% BSA, 0.025% sodium azide
<b>UniProt</b>	Q7TNI7
<b>Applications</b>	Western Blot : 0.5-1ug/ml ELISA (Capture; Recombinant Mouse Protein) : 0.1-0.5ug/ml (BSA-free format available)
<b>Limitations</b>	This IL17F antibody is available for research use only.



Western blot testing of mouse 1) spleen, 2) thymus, 3) NIH3T3 and 4) SP20 lysate with IL17F antibody at 0.5ug/ml. Predicted molecular weight: ~15 kDa (unmodified monomer), 15-20 kDa (glycosylated monomer), ~30 kDa (homodimer) and 30~40 kDa (glycosylated homodimer).

## Description

Interleukin 17F, also called IL17F is involved in the regulation of normal versus aberrant T-cell responses. This gene is mapped to 6p12.2. 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. It is suggested that targeting IL17 and IL17F or antagonizing IL17R might mitigate neutrophil-mediated inflammation in CF.

## Application Notes

Optimal dilution of the IL17F antibody should be determined by the researcher.

## Immunogen

A recombinant mouse protein corresponding to amino acids R29-A161 was used as the immunogen for the IL17F antibody.

## Storage

After reconstitution, the IL17F antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.