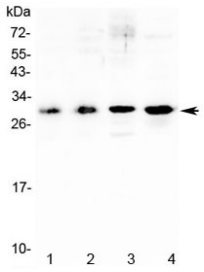
IL17F Antibody / Interleukin 17F (R32918)

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

Bulk quote request

Availability	1-3 business days
Species Reactivity	Mouse, Rat
Format	Antigen affinity purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2.5% BSA, 0.025% sodium azide
UniProt	Q7TNI7
Applications	Western Blot : 0.5-1ug/ml ELISA (Capture; Recombinant Mouse Protein) : 0.1-0.5ug/ml (BSA-free format available)
Limitations	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 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.