

IL-17F Antibody / Interleukin 17F (R32917)

Catalog No.	Formulation	Size
R32917	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2.5% BSA, 0.025% sodium azide
UniProt	Q96PD4
Applications	Western Blot : 0.5-1ug/ml Direct ELISA (recombinant Human Proteion) : 0.1-0.5ug/ml (BSA-free format available)
Limitations	This IL-17F antibody is available for research use only.



Western blot testing of rat PC-12 cell lysate with IL-17F 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 IL-17F antibody should be determined by the researcher.

Immunogen

A recombinant human protein corresponding to amino acids R31-Q163 was used as the immunogen for the IL-17F antibody.

Storage

After reconstitution, the IL-17F 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.