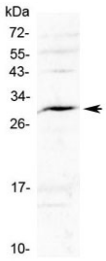
Interleukin 17F Antibody / IL-17F (R32919)

Catalog No.	Formulation	Size
R32919	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	Q5BJ95
Applications	Western Blot : 0.5-1ug/ml Direct ELISA (recombinant Rat Protein) : 0.1-0.5ug/ml (BSA-free format available)
Limitations	This Interleukin 17F antibody is available for research use only.



Western blot testing of rat spleen lysate with Interleukin 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 Interleukin 17F antibody should be determined by the researcher.

Immunogen

A recombinant rat protein corresponding to amino acids R29-A161 was used as the immunogen for the Interleukin 17F antibody.

Storage

After reconstitution, the Interleukin 17F antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

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