

---

## IL17F Rabbit pAb

Catalog Number: bs-2614R

Target Protein: IL17F

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Polyclonal

Isotype: IgG

Applications: WB (1:500-2000)

Reactivity: Human, Mouse

Predicted MW: 17 kDa

Entrez Gene: 112744

Swiss Prot: Q96PD4

Source: KLH conjugated synthetic peptide derived from human IL-17F: 71-163/163.

Purification: affinity purified by Protein A

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

**Background:** IL-17F is a member of IL-17 family of structurally related cytokines that share a highly conserved C-terminal region, but differ from one another in their N-terminal regions and in their distinct biological roles. IL-17F is a homodimer of two 133 amino acid chains that are secreted by activated CD4<sup>+</sup> T cells and activated monocytes. The biological activities mediated by IL-17F are similar to those of IL-17. IL-17F stimulates the production of other cytokines such as IL-6, IL-8 and granulocyte colony stimulating factor. It can also regulate cartilage matrix turnover, stimulate PBMC and T cell proliferation, and inhibit angiogenesis.

This recombinant human IL-17F is produced by human cells.

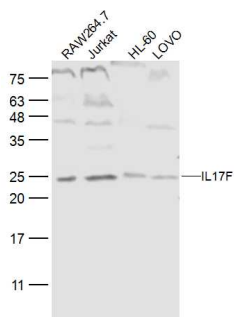
**Biological activity:**

The activity was measured by its ability to induce IL-6 expression in the NHDF adult fibroblasts.

**Reconstitution:**

Briefly centrifuge the vial before opening. It is recommended to reconstitute the protein in sterile PBS containing 0.1% endotoxin-free recombinant human serum albumin.

## VALIDATION IMAGES



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 (bs-2614R) at 1/500 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 17 kD Observed band size: 22 kD

## PRODUCT SPECIFIC PUBLICATIONS

**[IF=5.6]** Feng-Ling Tang. et al. Fraxin (7-hydroxy-6-methoxycoumarin 8-glucoside) confers protection against ionizing radiation-induced intestinal epithelial injury in vitro and in vivo. INT IMMUNOPHARMACOL. 2024 Mar;129:111637 WB ; Human . 38335653