bs-2614R **[Primary Antibody]**

IL17F Rabbit pAb

www.bioss.com.cn
sales@bioss.com.cn
techsupport@bioss.com.cn
400-901-9800

DATASHEET

Host: Rabbit **Isotype:** IgG

Clonality: Polyclonal

GeneID: 112744 **SWISS:** Q96PD4

Target: IL17F

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

Purification: affinity purified by Protein A

Concentration: 1mg/ml

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 structurallyrelated 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+ Tcells 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.

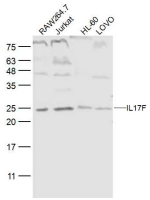
Applications: **WB** (1:500-2000)

Reactivity: Human, Mouse

Predicted MW.: 17 kDa

Subcellular Location: Cell membrane ,Cytoplasm

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

SELECTED CITATIONS

- **[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