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## IL-17F Rabbit pAb

Catalog Number: bs-7333R

Target Protein: IL-17F

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Polyclonal

Isotype: IgG

Applications: WB (1:500-2000), ELISA (1:5000-10000)

Reactivity: (predicted:Mouse, Rat)

Predicted MW: 18 kDa

Subcellular: Cell membrane ,Cytoplasm

Locations:

Source: KLH conjugated synthetic peptide derived from mouse IL-17F: 51-150/161.

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.

