bs-10267R **[Primary Antibody]**

IL-17F Rabbit pAb

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DATASHEET

Host: Rabbit **Isotype:** IgG

Clonality: Polyclonal

GeneID: 112744 **SWISS:** Q96PD4

Target: IL-17F

Immunogen: KLH conjugated synthetic peptide derived from human IL-17F: 21-120/163.

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.

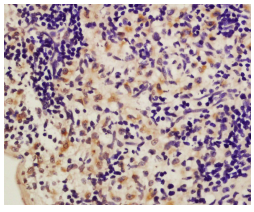
Applications: **IHC-P** (1:100-500)
IHC-F (1:100-500)
IF (1:100-500)

Reactivity: Rat (predicted: Human)

Predicted MW.: 29 kDa

Subcellular Location: Cell membrane ,Cytoplasm

VALIDATION IMAGES



Tissue/cell: rat spleen tissue; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37°C for 20 min; Incubation: Anti-IL-17F Polyclonal Antibody, Unconjugated(bs-10267R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

SELECTED CITATIONS

- **[IF=preprint]** Xiaoying Yang. et al.Serum pharmacochemistry profiling combined with molecular docking analysis to reveal the pharmacodynamic material basis of Lonicerae japonicae flos against acute lung injury.SSRN. Western blot ;Rat. 10.2139/ssrn.4809218

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