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Datasheet for ABIN964764
anti-IL17F antibody (HRP)

1 Image

Overview

Quantity:	100 µg
Target:	IL17F
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This IL17F antibody is conjugated to HRP
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	This purified antibody was prepared from whole rabbit serum produced by repeated immunizations with full length recombinant human IL17-F protein. Immunogen Type: RecombinantProtein
Isotype:	IgG
Specificity:	This purified antibody has been heated to 56°C for 30 minutes. In ELISA and other immunoreactive assays, this antibody will recognize both native and recombinant human IL17-F in cell supernatants and certain body fluids. A control of similarly diluted normal rabbit IgG is recommended.
Characteristics:	IL17-F (also known as ML1, ML-1, IL17F, and IL24) 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 angio-genesis of endothelial cells and induce endothelial cells to produce IL2, TGFB1/ GFB, and monocyte chemoattractant protein-1.

Product Details

Purification: purified

Target Details

Target: IL17F

Alternative Name: IL-17F ([IL17F Products](#))

Background: IL17-F (also known as ML1, ML-1, IL17F, and IL24) 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 angio-genesis of endothelial cells and induce endothelial cells to produce IL2, TGFB1/ GFB, and monocyte chemoattractant protein-1.

Synonyms: IL-17F, Interleukin-17F, ML1, ML-1, IL17F, IL24, HRP

Gene ID: 112744

UniProt: [Q96PD4](#)

Pathways: [Cellular Response to Molecule of Bacterial Origin, Positive Regulation of Endopeptidase Activity](#)

Application Details

Application Notes: This purified antibody has been tested for use in ELISA and western blotting. By western blot a band approximately 15.0 kDa in size corresponding to human IL17-F protein is expected in the appropriate cell lysate or extract. Specific conditions for reactivity should be optimized by the end user.

Comment: Gene Name: IL17F

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Reconstitution Buffer: Restore with deionized water (or equivalent), Reconstitution Volume: 100 μ L

Concentration: 1.0 mg/mL

Buffer: 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2, 10 mg/mL Bovine Serum Albumin (BSA) - Immunoglobulin and Protease free

Preservative: Gentamicin sulfate

Handling

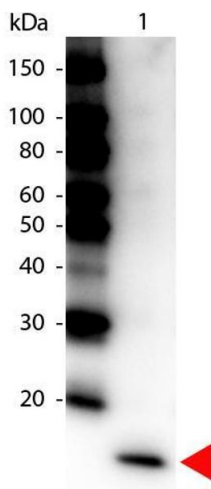
Handling Advice: Do NOT add Sodium Azide!

Storage: 4 °C/-20 °C

Storage Comment: Store vial at 4 °C prior to restoration. For extended storage aliquot contents and freeze at -20 °C or below. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4 °C as an undiluted liquid. Dilute only prior to immediate use. Expiration date is one (1) year from date of opening.

Expiry Date: 12 months

Images



Western Blotting

Image 1. Western Blot of Peroxidase conjugated Rabbit anti-IL-17F Antibody. Lane 1: Human IL-17F. Lane 2: none. Load: 50 ng per lane. Primary antibody: none. Secondary antibody: Peroxidase IL-17F secondary antibody at 1:1,000 for 30 min at RT. Block: ABIN925618 for 30 min at RT. Predicted/Observed size: 16kDa for Human IL-17F. Other band(s): none.