

Datasheet for ABIN964764
anti-IL17F antibody (HRP)



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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, Immunohistochemistry (IHC)

Product Details

Purpose:	IL-17F Antibody Peroxidase Conjugated
Immunogen:	Immunogen: This purified antibody was prepared from whole rabbit serum produced by repeated immunizations with full length recombinant human IL17-F protein. Immunogen Type: Recombinant Protein
Isotype:	IgG
Cross-Reactivity (Details):	In ELISA and other immunoreactive assays, this antibody will recognize both native and recombinant human IL17-F in cell supernatants and certain body fluids.
Characteristics:	Synonyms: rabbit anti-IL-17F peroxidase conjugated antibody, rabbit anti-Interleukin-17F HRP conjugated antibody, Cytokine ML-1, Interleukin-24
Purification:	This purified antibody has been heated to 56°C for 30 minutes.

Target Details

Target:	IL17F
Alternative Name:	IL17F (IL17F Products)
Background:	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.
Gene ID:	112744
UniProt:	Q96PD4
Pathways:	Cellular Response to Molecule of Bacterial Origin, Positive Regulation of Endopeptidase Activity

Application Details

Application Notes:	Immunohistochemistry Dilution: 1:500-1:2,500 Application Note: This purified antibody has been tested in western blotting and suitable in ELISA. 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. Western Blot Dilution: 1:1,000-1:5,000 ELISA Dilution: 1:10,000 - 1:50,000
Restrictions:	For Research Use only

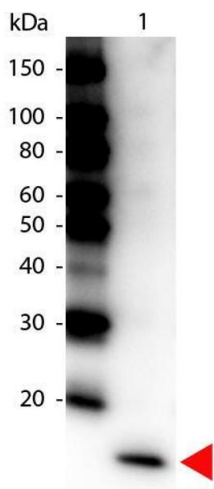
Handling

Format:	Lyophilized
Reconstitution:	Reconstitution Volume: 100 µL Reconstitution Buffer: Restore with deionized water (or equivalent)
Concentration:	1.0 mg/mL
Buffer:	Buffer: 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2 Stabilizer: 10 mg/mL Bovine Serum Albumin (BSA) - Immunoglobulin and Protease free Preservative: 0.01 % (w/v) Gentamicin Sulfate. Do NOT add Sodium Azide!
Preservative:	Gentamicin sulfate
Precaution of Use:	This product contains Gentamicin sulfate: a POISONOUS AND HAZARDOUS SUBSTANCE which

Handling

	should be handled by trained staff only.
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.
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.