

Datasheet for ABIN1043827
anti-IL17F antibody (HRP)



[Go to Product page](#)

1 Image 1 Publication

Overview

Quantity:	100 µg
Target:	IL17F
Reactivity:	Mouse
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 mouse 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 mouse IL17-F in cell supernatants and certain body fluids.
Characteristics:	Synonyms: rabbit anti-IL-17F peroxidase conjugated antibody, rabbit anti-interleukin-17F peroxidase conjugated antibody, Interleukin17F, Interleukin-17F, ML1, ML-1, IL17F, IL24
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. IL-17F plays a role in the induction of neutrophilia in the lungs and in the exacerbation of antigen-induced pulmonary allergic inflammation.
Gene ID:	257630
NCBI Accession:	NP_665855
UniProt:	Q7TNI7
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 17.9 kDa in size corresponding to mouse 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

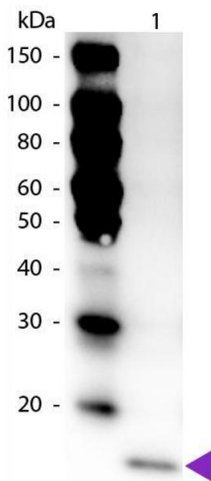
Handling

	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 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

Publications

Product cited in:	Gomez-Rodriguez, Sahu, Handon, Davidson, Anderson, Kirby, August, Schwartzberg: "Differential expression of interleukin-17A and -17F is coupled to T cell receptor signaling via inducible T cell kinase." in: Immunity , Vol. 31, Issue 4, pp. 587-97, (2009) (PubMed).
-------------------	---

Images



Western Blotting

Image 1. Western Blot of Peroxidase Conjugated Rabbit anti-IL-17F antibody. Lane 1: Mouse IL-17F. Lane 2: None. Load: 50 ng per lane. Primary antibody: None. Secondary antibody: Peroxidase rabbit secondary antibody at 1:1,000 for 60 min at RT. Block: ABIN925618 for 30 min at RT. Predicted/Observed size: 16 kDa, 16 kDa for Mouse IL-17F. Other band(s): None.