

## Anti-IL-17F Antibody Peroxidase Conjugated

Catalog Number: A02062

### About IL17F

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.

### Overview

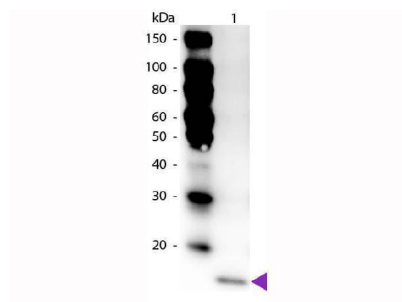
Product Name	Anti-IL-17F Antibody Peroxidase Conjugated
Reactive Species	Mouse
Description	Boster Bio Anti-IL-17F Antibody Peroxidase Conjugated (Catalog # A02062). Tested in WB applications. This antibody reacts with Mouse.
Conjugate	HRP
Application	ELISA, IHC, WB
Clonality	Polyclonal
Formulation	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2, antibody formulated with stabilizing protein (10 mg/mL) - Immunoglobulin and Protease free, 0.01% (w/v) Gentamicin Sulfate. Do NOT add Sodium Azide! *This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required.
Storage Instructions	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. (Ship at ambient temperature.)
Host	Rabbit
Uniprot ID	Q7TNI7

### Technical Details

Immunogen	This purified antibody was prepared from whole rabbit serum produced by repeated immunizations with full length recombinant mouse IL17-F protein.
Predicted Reactive Species	Bovine, Pufferfish, Zebrafish

Isotype	IgG
Form	Lyophilized
Concentration	1.0 mg/mL by UV absorbance at 280 nm
Purification	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 mouse IL17-F in cell supernatants and certain body fluids. A control of similarly diluted normal rabbit IgG is recommended.
Suggested Dilutions	ELISA: 1:10,000-1:50,000 IHC: 1:500-1:2,500 WB: 1:1,000-1:5,000 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.

## Anti-IL-17F Antibody Peroxidase Conjugated (A02062) Images



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: 30 min at RT. Predicted/Observed size: 16 kDa, 16 kDa for Mouse IL-17F. Other band(s): None.

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