

Datasheet for ABIN349631

anti-IL17F antibody[Go to Product page](#)**1** Image

Overview

Quantity:	100 µg
Target:	IL17F
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This IL17F antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Neutralization (Neut), Radioimmunoassay (RIA)

Product Details

Immunogen:	This purified antibody was prepared from whole rabbit serum produced by repeated immunizations with full length recombinant human IL17-F protein. Immunogenotype:Recombinant
Isotype:	IgG
Characteristics:	Concentration Definition: by UV absorbance at 280 nm

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

Target Details

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. Interleukin 1 receptor antagonist is secreted by various types of cells including immune, epithelial and adipocytes. Anti-IL-17F antibody is ideal for investigators involved in Cancer, Cardiovascular and Immunology research.

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

Gene ID: 112744, 42542803

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. Reactivity is also expected in neutralizations, radioimmunoassay and immunohistochemistry. The endotoxin content is estimated to be <10 pg/μl by the LAL method. 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.

Restrictions: For Research Use only

Handling

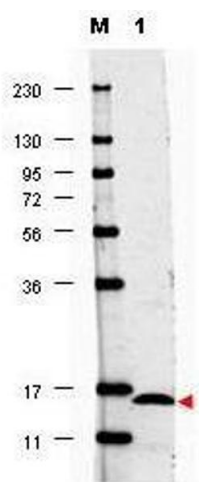
Format: Lyophilized

Reconstitution: Restore with deionized water (or equivalent)

Concentration: 1.0 mg/mL

Buffer: 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2

Storage: 4 °C



Western Blotting

Image 1. Western blot using anti-Human IL17-F antibody shows detection of a band ~15 kDa in size corresponding to recombinant human IL17-F (lane 1). Molecular weight markers are also shown (M). After transfer, the membrane was blocked overnight with 3% BSA in TBS followed by reaction with primary antibody at a 1:1,000 dilution. Detection occurred using DyLight 649 conjugated anti-Rabbit IgG secondary antibody diluted 1:20,000 in blocking buffer. Image was captured using VersaDoc MP 4000 imaging system (Bio-Rad).