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Datasheet for 209-403-B31

IL-17F Antibody Peroxidase Conjugated

Overview

Description:	Anti-Human IL-17F (RABBIT) Antibody Peroxidase Conjugated - 209-403-B31
Item No.:	209-403-B31
Size:	100 µg
Applications:	WB
Reactivity:	Human
Host Species:	Rabbit

Product Details

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:	rabbit anti-IL-17F peroxidase conjugated antibody, rabbit anti-Interleukin-17F HRP conjugated antibody, Cytokine ML-1, Interleukin-24
Host Species:	Rabbit
Conjugate:	Peroxidase (HRP)
Clonality:	Polyclonal
Format:	IgG

Target Details

Gene Name:	IL17F
Reactivity:	Human
Immunogen Type:	Recombinant Protein
Immunogen:	This purified antibody was prepared from whole rabbit serum produced by repeated immunizations with full length recombinant human IL17-F protein.

Purity/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.
Relevant Links:	• NCBI - AAH662531.1 • UniProtKB - Q96PD4 • GeneID - 112744

Application Details

Tested Applications:	WB
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.
Assay Dilutions:	All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.
ELISA:	1:10,000 - 1:50,000
IHC:	1:500-1:2,500
WB:	1:1,000-1:5,000

Formulation

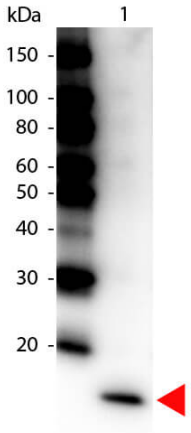
Physical State:	Lyophilized
Concentration:	1.0 mg/mL by UV absorbance at 280 nm
Buffer:	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Preservative:	0.01% (w/v) Gentamicin Sulfate. Do NOT add Sodium Azide!
Stabilizer:	10 mg/mL Bovine Serum Albumin (BSA) - Immunoglobulin and Protease free
Reconstitution Volume:	100 µL
Reconstitution Buffer:	Restore with deionized water (or equivalent)

Shipping & Handling

Shipping Condition:	Ambient

Storage Condition:	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:	Expiration date is one (1) year from date of receipt.

Images



Western Blot
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: MB-070 for 30 min at RT. Predicted/Observed size: 16kDa for Human IL-17F. Other band(s): none.

Disclaimer

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