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anti-IL17F antibody (HRP)





Publication



Go to Product page

Overview	
Quantity:	

Quantity:	100 μg
Target:	IL17F
Reactivity:	Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This IL17F antibody is conjugated to HRP
Application:	Western Blotting (WB), ELISA

Product Details	
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
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 mouse IL17-F in cell supernatants and certain body fluids. A control of similarly diluted normal rabbit IgG is recommended.
Characteristics:	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

Product Details	
	induction of neutrophilia in the lungs and in the exacerbation of antigen-induced pulmonary
	allergic inflammation.
Purification:	purified
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 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. Synonyms: IL-17F, Interleukin-17F, ML1, ML-1, IL17F, and IL24
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:	This purified antibody has been tested for use in ELISA and western blotting. 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.
Comment:	Gene Name: II17f
Restrictions:	For Research Use only
Handling	
Format:	Lyophilized

Reconstitution:

Reconstitution Buffer: Restore with deionized water (or equivalent), Reconstitution Volume: 100

Handling

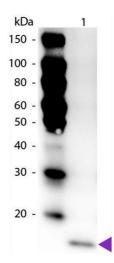
	μL
Concentration:	1.0 mg/mL
Buffer:	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2, 10 mg/mL Bovine Serum Albumin (BSA) - Immunoglobulin and Protease free
Preservative:	Gentamicin sulfate
Handling Advice:	Do NOT add Sodium Azide!
Storage:	4 °C/-20 °C
Storage Comment:	Store vial at 4 °C prior 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. Expiration date is one (1) year from date of opening.
Expiry Date:	12 months

Publications

Product cited in:

Sarmento, Oneto, Pelicci, Pesce, Scipioni, Faretta, Furia, Dellino, Pelicci, Bianchini, Diaspro, Lanzanò: "Exploiting the tunability of stimulated emission depletion microscopy for superresolution imaging of nuclear structures." in: **Nature communications**, Vol. 9, Issue 1, pp. 3415, (2018) (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.