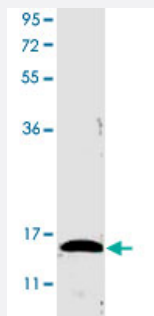


IL17F polyclonal antibody

Catalog # PAB16921 Size 100 ug

Applications



Western Blot (Recombinant protein)

Western blot using IL17F polyclonal antibody (Cat # PAB16921) shows detection of a band ~15 kDa in size corresponding to recombinant human IL17F. 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).

Specification

Product Description Rabbit polyclonal antibody raised against full length recombinant IL17F.

Immunogen Recombinant protein corresponding to full length human IL17F.

Host Rabbit

Reactivity Human

Form Lyophilized

Recommend Usage ELISA (1:1000-1:5000)
Western Blot (1:500-1:2000)
The optimal working dilution should be determined by the end user.

Storage Buffer Lyophilized from 20 mM KH₂PO₄, 150 mM NaCl, pH 7.2

Storage Instruction Store at 4°C on dry atmosphere.
After reconstitution with 0.1 mL of deionized water, store at -20°C or lower.
Aliquot to avoid repeated freezing and thawing.

Applications

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- Enzyme-linked Immunoabsorbent Assay

Gene Info — IL17F

Entrez GeneID	112744
Gene Name	IL17F
Gene Alias	IL-17F, ML-1, ML1
Gene Description	interleukin 17F
Omim ID	606496
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene 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 angiogenesis of endothelial cells and induce endothelial cells to produce IL2, TGFB1/TGFB, and monocyte chemoattractant protein-1. [provided by RefSeq]
Other Designations	cytokine ML-1

Publication Reference

- [Cutting edge: IL-17F, a novel cytokine selectively expressed in activated T cells and monocytes, regulates angiogenesis and endothelial cell cytokine production.](#)

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- [Identification of a novel cytokine, ML-1, and its expression in subjects with asthma.](#)

Kawaguchi M, Onuchic LF, Li XD, Essayan DM, Schroeder J, Xiao HQ, Liu MC, Krishnaswamy G, Germino G, Huang SK.

Journal of Immunology 2001 Oct; 167(8):4430.

- [IL-17s adopt a cystine knot fold: structure and activity of a novel cytokine, IL-17F, and implications for receptor binding.](#)

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