

Datasheet: AHP1283

Description:	RABBIT ANTI HUMAN INTERLEUKIN-17F
Specificity:	IL-17F
Format:	Purified
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	0.1 mg

Product Details

Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit www.bio-rad-antibodies.com/protocols.

	Yes	No	Not Determined	Suggested Dilution
Flow Cytometry			■	
Immunohistology - Frozen			■	
Immunohistology - Paraffin			■	
ELISA	■			0.5 - 2.0ug/ml
Immunoprecipitation			■	
Western Blotting	■			0.1 - 0.2ug/ml
Functional Assays	■			0.9 - 1.2 ug/ml

Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using appropriate negative/positive controls.

Target Species	Human
Product Form	Purified IgG - lyophilised
Reconstitution	Reconstitute with 0.1ml distilled water. For long term storage the addition of 0.09% sodium azide is recommended. N.B. For functional studies do not add sodium azide.
Antiserum Preparation	Antisera to human IL-17F were raised by repeated immunisations of rabbits with highly purified antigen. Purified IgG was prepared by affinity chromatography.
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	None present
Approx. Protein Concentrations	IgG concentration 1.0mg/ml
Immunogen	Recombinant human IL-17F.

External Database Links	UniProt: Q96PD4 Related reagents Entrez Gene: 112744 IL17F Related reagents
Synonyms	IL24
Specificity	Rabbit anti Human interleukin-17F antibody recognizes human IL-17F (interleukin-17F), a disulphide-linked homodimer consisting of two 133 amino acid chains, which belongs to the IL-17 gene family and shares the highest sequence homology with IL-17A. IL-17F is expressed by activated CD4+ T-cells and monocytes, and acts as a stimulator of cytokine production, including granulocyte colony-stimulating factor (GM-CSF), IL-6 and IL-8. IL-7F also stimulates the production of IL-2, MCP-1 (monocyte chemotactic protein-1) and TGFB (Transforming growth factor beta) by endothelial cells, and inhibits endothelial cell angiogenesis. Rabbit anti Human interleukin-17F antibody (AHP1283) has been used in neutralisation assays where 50% inhibition (ND50) of the biological activity of 50ng/ml of human IL-17F was achieved using 0.9-1.2µg/ml of antibody.
References	1. Starnes, T. <i>et al.</i> (2001) Cutting edge: IL-17F, a novel cytokine selectively expressed in activated T cells and monocytes, regulates angiogenesis and endothelial cell cytokine production. J Immunol. 167 (8): 4137-40.
Storage	Prior to reconstitution store at +4°C. After reconstitution store at -20°C Storage in frost-free freezers is not recommended. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.
Shelf Life	12 months from date of reconstitution.
Health And Safety Information	Material Safety Datasheet documentation #10162 available at: 10162: https://www.bio-rad-antibodies.com/uploads/MSDS/10162.pdf
Regulatory	For research purposes only

Related Products

Recommended Secondary Antibodies

Sheep Anti Rabbit IgG (STAR34...)	FITC
Sheep Anti Rabbit IgG (STAR35...)	RPE
Goat Anti Rabbit IgG (H/L) (STAR124...)	HRP
Goat Anti Rabbit IgG (Fc) (STAR121...)	Biotin , FITC , HRP
Sheep Anti Rabbit IgG (2AB02...)	Biotin
Sheep Anti Rabbit IgG (STAR36...)	DyLight®488 , DyLight®549 , DyLight®649 , DyLight®680 , DyLight®800

Recommended Useful Reagents

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