

## Datasheet: AHP1283

<b>Description:</b>	RABBIT ANTI HUMAN INTERLEUKIN-17F
<b>Specificity:</b>	IL-17F
<b>Format:</b>	Purified
<b>Product Type:</b>	Polyclonal Antibody
<b>Isotype:</b>	Polyclonal IgG
<b>Quantity:</b>	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](http://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.

<b>Target Species</b>	Human
<b>Product Form</b>	Purified IgG - lyophilized
<b>Reconstitution</b>	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.
<b>Antiserum Preparation</b>	Antisera to human IL-17F were raised by repeated immunisations of rabbits with highly purified antigen. Purified IgG was prepared by affinity chromatography.
<b>Buffer Solution</b>	Phosphate buffered saline
<b>Preservative</b>	None present

<b>Stabilisers</b>	
<b>Carrier Free</b>	Yes
<b>Approx. Protein Concentrations</b>	IgG concentration 1.0mg/ml
<b>Immunogen</b>	Recombinant human IL-17F.
<b>External Database Links</b>	<p><b>UniProt:</b>  <a href="#">Q96PD4</a>    <a href="#">Related reagents</a></p> <p><b>Entrez Gene:</b>  <a href="#">112744</a>    IL17F    <a href="#">Related reagents</a></p>
<b>Synonyms</b>	IL24
<b>RRID</b>	AB_2125420
<b>Specificity</b>	<p><b>Rabbit anti Human interleukin-17F antibody</b> 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.</p> <p>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-17F 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.</p> <p>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.</p>
<b>References</b>	<p>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. <a href="#">J Immunol. 167 (8): 4137-40.</a></p>
<b>Storage</b>	<p>This product is shipped at ambient temperature.  Prior to reconstitution store at -20°C.  After reconstitution store at -20°C.</p> <p>This product should be stored undiluted. Storage in frost-free freezers is not recommended. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.</p>
<b>Guarantee</b>	12 months from date of despatch

**Health And Safety  
Information**

Material Safety Datasheet documentation #10294 available at:  
<https://www.bio-rad-antibodies.com/SDS/AHP1283>  
10294

**Regulatory**

For research purposes only

## Related Products

### Recommended Secondary Antibodies

Goat Anti Rabbit IgG (H/L) (STAR124...) [HRP](#)

Sheep Anti Rabbit IgG (STAR35...) [RPE](#)

Goat Anti Rabbit IgG (Fc) (STAR121...) [Biotin](#), [FITC](#), [HRP](#)

### Recommended Useful Reagents

[TidyBlot WESTERN BLOT DETECTION REAGENT:HRP \(STAR209P\)](#)

**North & South** Tel: +1 800 265 7376

**America** Fax: +1 919 878 3751

Email: [antibody\\_sales\\_us@bio-rad.com](mailto:antibody_sales_us@bio-rad.com)

**Worldwide**

Tel: +44 (0)1865 852 700

Fax: +44 (0)1865 852 739

Email: [antibody\\_sales\\_uk@bio-rad.com](mailto:antibody_sales_uk@bio-rad.com)

**Europe**

Tel: +49 (0) 89 8090 95 21

Fax: +49 (0) 89 8090 95 50

Email: [antibody\\_sales\\_de@bio-rad.com](mailto:antibody_sales_de@bio-rad.com)

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