

Datasheet: AHP1169

**BATCH NUMBER 157825**

<b>Description:</b>	RABBIT ANTI HUMAN CD5L (N-TERMINAL)
<b>Specificity:</b>	CD5L (N-TERMINAL)
<b>Other names:</b>	SP-ALPHA
<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 (1)	▪			
ELISA			▪	
Immunoprecipitation			▪	
Western Blotting	▪			1 - 2ug/ml

Where this antibody 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 antibody for use in their own system using appropriate negative/positive controls.

**(1) This product requires antigen retrieval using heat treatment prior to staining of paraffin sections. Sodium citrate buffer pH 6.0 is recommended for this purpose.**

### Target Species

Human

### Species Cross Reactivity

Reacts with: Mouse

**N.B.** Antibody reactivity and working conditions may vary between species. Cross reactivity is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information.

### Product Form

Purified IgG - liquid

**Antiserum Preparation** Antisera to human CD5L were raised by repeated immunisations of rabbits with highly purified antigen. Purified IgG prepared by affinity chromatography.

---

**Buffer Solution** Phosphate buffered saline

---

**Preservative Stabilisers** 0.02% Sodium Azide

---

**Approx. Protein Concentrations** IgG concentration 1.0mg/ml

---

**Immunogen** 16 amino acid peptide sequence near the amino terminus of human CD5L.

---

**External Database Links**

**UniProt:**  
[O43866](#)    [Related reagents](#)

**Entrez Gene:**  
[922](#) CD5L    [Related reagents](#)

---

**Synonyms** API6

---

**RRID** AB\_808452

---

**Specificity** **Rabbit anti Human CD5L antibody** recognizes the N-terminal (NT) region of human CD5L, also known as Apoptosis Inhibitor expressed by Macrophages (AIM), and SP alpha. CD5L is a soluble ~38 kDa glycoprotein produced by mature macrophages, and has been shown to support their survival and enhance phagocytic function. CD5L expression is upregulated in response to LXR/RXR heterodimer activation.

CD5L has been shown to mediate the survival of macrophages in atherosclerotic plaques.

---

**Western Blotting** AHP1169 detects a band of approximately 38kDa in human lymph node tissue lysates.

---

**Further Reading**

1. Sarrias, M.R. *et al.* (2005) A role for human Sp alpha as a pattern recognition receptor. [J Biol Chem. 280 \(42\): 35391-8.](#)
2. Arai, S. *et al.* (2005) A role for the apoptosis inhibitory factor AIM/Spalpha/Api6 in atherosclerosis development. [Cell Metab. 1 \(3\): 201-13.](#)

---

**Storage** Store at +4°C or at -20°C if preferred.  
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.

---

**Guarantee** 12 months from date of despatch

---

**Health And Safety Information** Material Safety Datasheet documentation #10040 available at:  
<https://www.bio-rad-antibodies.com/SDS/AHP1169>

---

**Regulatory**For research purposes only

---

## Related Products

### Recommended Secondary Antibodies

Sheep Anti Rabbit IgG (STAR34...) [FITC](#)Goat Anti Rabbit IgG (Fc) (STAR121...) [Biotin](#), [FITC](#), [HRP](#)Sheep Anti Rabbit IgG (STAR35...) [RPE](#)Goat Anti Rabbit IgG (H/L) (STAR124...) [HRP](#)

### Recommended Useful Reagents

[ANTIGEN RETRIEVAL BUFFER, pH8.0 \(BUF025A\)](#)[TidyBlot WESTERN BLOT DETECTION REAGENT:HRP \(STAR209P\)](#)**North & South** Tel: +1 800 265 7376**America** Fax: +1 919 878 3751Email: [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)

To find a batch/lot specific datasheet for this product, please use our online search tool at: [bio-rad-antibodies.com/datasheets](https://bio-rad-antibodies.com/datasheets)

'M363828:200529'

**Printed on 19 Jan 2024**