

Datasheet: AHP1168

BATCH NUMBER 169615

Description:	RABBIT ANTI CD5L (C-TERMINAL)
Specificity:	CD5L (C-TERMINAL)
Other names:	SP-ALPHA
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 (1)	▪			
ELISA			▪	
Immunoprecipitation			▪	
Western Blotting	▪			0.5 - 1.0ug/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	<p>Reacts with: Mouse</p> <p>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.</p>
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 13 amino acid peptide sequence near the carboxy terminus of human CD5L.

External Database Links

UniProt:

[O43866](#)

[Related reagents](#)

Entrez Gene:

[922](#)

CD5L

[Related reagents](#)

Synonyms API6

RRID AB_808449

Specificity **Rabbit anti Human CD5L antibody** detects the C-terminal (CT) region of human CD5 like (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 AHP1168 detects a band of approximately 38kDa in Raji cell lysates.

References 1. Li, Y. *et al.* (2008) Extracellular Nampt promotes macrophage survival via a nonenzymatic interleukin-6/STAT3 signaling mechanism. [J Biol Chem. 283 \(50\): 34833-43.](#)

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 This product is shipped at ambient temperature. It is recommended to aliquot and store at -20°C on receipt. When thawed, aliquot the sample as needed. Keep aliquots at 2-8°C for short term use (up to 4 weeks) and store the remaining aliquots at -20°C.

Avoid repeated freezing and thawing as this may denature the antibody. Storage in frost-free freezers is not recommended.

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/AHP1168
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 (Fc) (STAR121...) [Biotin](#), [FITC](#), [HRP](#)
- Sheep Anti Rabbit IgG (STAR36...) [DyLight@488](#), [DyLight@680](#), [DyLight@800](#)
- Goat Anti Rabbit IgG (H/L) (STAR124...) [HRP](#)

Recommended Useful Reagents

- [ANTIGEN RETRIEVAL BUFFER, pH8.0 \(BUF025A\)](#)
- [TidyBlot WESTERN BLOT DETECTION REAGENT:HRP \(STAR209P\)](#)

Product inquiries: www.bio-rad-antibodies.com/technical-support

To find a batch/lot specific datasheet for this product, please use our online search tool at: bio-rad-antibodies.com/datasheets
'M381643:210512'

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