

Datasheet: AHP364G

Description:	RABBIT ANTI HUMAN LYMPHOTACTIN
Specificity:	LYMPHOTACTIN
Other names:	XCL1
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)	▪			0.5ug/ml
ELISA	▪			0.5 - 2.0ug/ml
Immunoprecipitation			▪	
Western Blotting	▪			0.1 - 0.2ug/ml
Functional Assays	▪			1.7 - 3.0ug/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
Product Form	Purified IgG - lyophilized
Reconstitution	Reconstitute with 0.1 ml distilled water. For long term storage the addition of 0.09% sodium azide is recommended. NB: For functional studies do not use azide.
Antiserum Preparation	Antisera to human lymphotactin were raised by repeated immunisation of rabbits with highly purified antigen. Purified IgG prepared by affinity chromatography.

Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	None present
Carrier Free	Yes
Approx. Protein Concentrations	IgG concentration 1.0 mg/ml after reconstitution
Immunogen	Recombinant human lymphotactin.
External Database Links	<p>UniProt: P47992 Related reagents</p> <p>Entrez Gene: 6375 XCL1 Related reagents</p>
Synonyms	LTN, SCYC1
RRID	AB_2217050
Specificity	<p>Rabbit anti Human Lymphotactin antibody recognizes human Lymphotactin, otherwise known as XCL1, the only member of the C-chemokine family identified so far. Unlike other members of the chemokine superfamily, Lymphotactin uniquely acts as a chemoattractant for lymphocytes, but not monocytes or neutrophils, suggesting an important regulatory role in lymphocyte trafficking and inflammation.</p> <p>Lymphotactin, shown to signal through chemokine XC receptor 1 (XCR1), is detected at the highest level in the spleen and at low levels in the lungs, small intestine and colon, and is abundantly and selectively expressed by activated T cells, in particular CD8+ T cells, and is also produced by NK cells.</p>
References	1. Blaschke, S. <i>et al.</i> (2003) Expression of activation-induced, T cell-derived, and chemokine-related cytokine/lymphotactin and its functional role in rheumatoid arthritis. Arthritis Rheum. 48: 1858-72.
Further Reading	1. Kennedy, J. <i>et al.</i> (1995) Molecular cloning and functional characterization of human lymphotactin. J Immunol. 155 (1): 203-9.
Storage	<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>

Guarantee	12 months from date of despatch
Health And Safety Information	Material Safety Datasheet documentation #10294 available at: https://www.bio-rad-antibodies.com/SDS/AHP364G 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

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

North & South America	Tel: +1 800 265 7376 Fax: +1 919 878 3751 Email: 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	Europe	Tel: +49 (0) 89 8090 95 21 Fax: +49 (0) 89 8090 95 50 Email: antibody_sales_de@bio-rad.com
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To find a batch/lot specific datasheet for this product, please use our online search tool at: [bio-rad-antibodies.com/datasheets](https://www.bio-rad-antibodies.com/datasheets)
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