

## Datasheet: AHP364G

**BATCH NUMBER 151422**

<b>Description:</b>	RABBIT ANTI HUMAN LYMPHOTACTIN
<b>Specificity:</b>	LYMPHOTACTIN
<b>Other names:</b>	XCL1
<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)	▪			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.**

<b>Target Species</b>	Human
<b>Product Form</b>	Purified IgG - lyophilised
<b>Reconstitution</b>	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.

<b>Buffer Solution</b>	Phosphate buffered saline
<b>Preservative Stabilisers</b>	None present
<b>Carrier Free</b>	Yes
<b>Approx. Protein Concentrations</b>	IgG concentration 1.0 mg/ml
<b>Immunogen</b>	Recombinant human lymphotactin.
<b>External Database Links</b>	<p><b>UniProt:</b>  <a href="#">P47992</a>    <a href="#">Related reagents</a></p> <p><b>Entrez Gene:</b>  <a href="#">6375</a>    XCL1    <a href="#">Related reagents</a></p>
<b>Synonyms</b>	LTN, SCYC1
<b>RRID</b>	AB_2217050
<b>Specificity</b>	<p><b>Rabbit anti Human Lymphotactin antibody</b> 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>
<b>References</b>	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. <a href="#">Arthritis Rheum. 48: 1858-72.</a>
<b>Further Reading</b>	1. Kennedy, J. <i>et al.</i> (1995) Molecular cloning and functional characterization of human lymphotactin. <a href="#">J Immunol. 155 (1): 203-9.</a>
<b>Storage</b>	<p>Prior to reconstitution store at +4°C. After reconstitution store at -20°C.</p> <p>This product should be stored undiluted.</p> <p>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
<b>Health And Safety Information</b>	Material Safety Datasheet documentation #10162 available at: <a href="https://www.bio-rad-antibodies.com/SDS/AHP364G">https://www.bio-rad-antibodies.com/SDS/AHP364G</a> 10162
<b>Regulatory</b>	For research purposes only

## Related Products

### Recommended Secondary Antibodies

- Sheep Anti Rabbit IgG (STAR34...) [FITC](#)
- 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 \(STAR209P\)](#)

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'M364192:200529'

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