

## Datasheet: AHP2381

<b>Description:</b>	CHICKEN ANTI BOVINE LEUKEMIA FACTOR
<b>Specificity:</b>	LEUKEMIA INHIBITORY FACTOR
<b>Other names:</b>	LIF
<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	▪			1 ug/ml - 5ug/ml
Immunoprecipitation			▪	
Western Blotting	▪			0.1ug/ml - 2ug/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>	Bovine
<b>Product Form</b>	Purified IgG - liquid
<b>Antiserum Preparation</b>	Antisera to bovine leukemia inhibitory factor (LIF) were raised by repeated immunisation of chickens with highly purified antigen. Purified IgG was prepared from whole serum by affinity chromatography.
<b>Buffer Solution</b>	Phosphate buffered saline
<b>Preservative Stabilisers</b>	0.09% Sodium Azide (NaN <sub>3</sub> )
<b>Approx. Protein</b>	IgG concentration 1.0 mg/ml

## Concentrations

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**Immunogen** Recombinant bovine leukemia inhibitory factor

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## External Database Links

### UniProt:

[Q27956](#)    [Related reagents](#)

### Entrez Gene:

[280840](#)    LIF    [Related reagents](#)

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## Specificity

**Chicken anti Bovine leukemia inhibitory factor antibody** recognizes bovine leukemia inhibitory factor (LIF), a 22 kDa cytokine belonging to the IL-6 cytokine family.

Bovine LIF is a cytokine that regulates differentiation in a range of cell types including myeloid and neuronal cells, and in particular induction of terminal differentiation in myeloid leukemia cells ([Gough et al. 1989](#)).

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## ELISA

This product may be used as a capture antibody in a sandwich ELISA together with [AHP2381B](#) as the detection reagent. Recombinant Bovine leukemia inhibitory factor ([PBP036](#)) may be used as a standard.

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## Storage

Store at +4°C. DO NOT FREEZE.

This product should be stored undiluted. Should this product contain a precipitate we recommend microcentrifugation before use.

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## Guarantee

12 months from date of despatch

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## Health And Safety Information

Material Safety Datasheet documentation #10040 available at: <https://www.bio-rad-antibodies.com/SDS/AHP238110040>

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## Regulatory

For research purposes only

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

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)

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)

'M420693:230706'

Printed on 19 Jan 2024

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