

Datasheet: AHP2381

**BATCH NUMBER 166808**

<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	▪			1ug/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 Concentrations</b>	IgG concentration 1.0 mg/ml
<b>Immunogen</b>	Recombinant bovine leukemia inhibitory factor
<b>External Database Links</b>	<p><b>UniProt:</b>  <a href="#">Q27956</a>    <a href="#">Related reagents</a></p> <p><b>Entrez Gene:</b>  <a href="#">280840</a>    LIF    <a href="#">Related reagents</a></p>
<b>Specificity</b>	<p><b>Chicken anti Bovine leukemia inhibitory factor antibody</b> recognizes bovine leukemia inhibitory factor (LIF), a 22 kDa cytokine belonging to the IL-6 cytokine family.</p> <p>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 (<a href="#">Gough <i>et al.</i> 1989</a>).</p>
<b>ELISA</b>	This product may be used as a capture antibody in a sandwich ELISA together with <a href="#">AHP2381B</a> as the detection reagent. Recombinant Bovine leukemia inhibitory factor ( <a href="#">PBP036</a> ) may be used as a standard.
<b>Storage</b>	<p>Store at +4°C. DO NOT FREEZE.</p> <p>This product should be stored undiluted. 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 #10040 available at: <a href="https://www.bio-rad-antibodies.com/SDS/AHP238110040">https://www.bio-rad-antibodies.com/SDS/AHP238110040</a>
<b>Regulatory</b>	For research purposes only

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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://bio-rad-antibodies.com/datasheets)  
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