

Datasheet: AHP2381B

Description:	CHICKEN ANTI BOVINE LEUKEMIA FACTOR:Biotin
Specificity:	LEUKEMIA INHIBITORY FACTOR
Other names:	LIF
Format:	Biotin
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	50 µg

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			▪	
ELISA	▪			0.05ug/ml - 0.5ug/ml
Immunoprecipitation			▪	
Western Blotting	▪			

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.

Target Species	Bovine
Product Form	Purified IgG conjugated to Biotin - liquid
Antiserum Preparation	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.
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	0.09% Sodium Azide (NaN ₃)
Approx. Protein	IgG concentration 1.0 mg/ml

Concentrations

Immunogen	Recombinant bovine leukemia inhibitory factor
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External Database Links

UniProt:

[Q27956](#)

[Related reagents](#)

Entrez Gene:

[280840](#)

LIF

[Related reagents](#)

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](#)).

ELISA

This product may be used as a detection antibody in a sandwich ELISA together with [AHP2381](#) as the capture reagent. Recombinant Bovine leukemia inhibitory factor ([PBP036](#)) may be used as a standard.

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.

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/AHP2381B>
10040

Regulatory

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

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