

Datasheet: AHP2824

**BATCH NUMBER 160448**

|                      |  |
|----------------------|--|
| <b>Description:</b>  | RABBIT ANTI DOG LEUKEMIA INHIBITORY FACTOR |
| <b>Specificity:</b>  | LEUKEMIA INHIBITORY FACTOR                 |
| <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    |
|------------------|-----|----|----------------|-----------------------|
| ELISA            | ▪   |    |                | 1.0 ug/ml - 5.0 ug/ml |
| Western Blotting | ▪   |    |                | 0.1 ug/ml - 2.0 ug/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.

### Target Species

Dog

### Product Form

Purified IgG - liquid

### Antiserum Preparation

Antiserum to dog leukemia inhibitory factor was raised by repeated immunization of rabbit 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<sub>3</sub>)

### Approx. Protein Concentrations

IgG concentration 1.0 mg/ml

### Immunogen

Recombinant dog Leukemia Inhibitory Factor

**External Database  
Links**

**UniProt:**

[J9NRL6](#)

[Related reagents](#)

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**Specificity**

**Rabbit anti Dog Leukemia Inhibitory Factor** recognizes dog leukemia inhibitory factor (LIF).

Dog LIF is a chemokine belonging to the IL-6 cytokine family. LIF inhibits differentiation in normal stem cells, but in leukemic myeloid cells, it induces differentiation thereby preventing further growth.

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**ELISA**

This product may be used as a capture antibody in a sandwich ELISA together with [AHP2824B](#) as the detection reagent. [PDP021](#) 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:  
10040: <https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf>

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**Regulatory**

For research purposes only

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## Related Products

### Recommended Secondary Antibodies

Sheep Anti Rabbit IgG (STAR34...)

[FITC](#)

Goat Anti Rabbit IgG (H/L) (STAR124...)

[HRP](#)

Goat Anti Rabbit IgG (Fc) (STAR121...)

[Biotin](#), [FITC](#), [HRP](#)

Sheep Anti Rabbit IgG (STAR35...)

[RPE](#)

Sheep Anti Rabbit IgG (STAR36...)

[DyLight®488](#), [DyLight®680](#), [DyLight®800](#)

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