

## Datasheet: AHP2817

|                      |                                |
|----------------------|--------------------------------|
| <b>Description:</b>  | GOAT ANTI BOVINE INTERLEUKIN-8 |
| <b>Specificity:</b>  | IL-8                           |
| <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 |

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>Species Cross Reactivity</b>       | <p>Reacts with: Dog</p> <p><b>N.B.</b> Antibody reactivity and working conditions may vary between species. Cross reactivity is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information.</p> |
| <b>Product Form</b>                   | Purified IgG - liquid   |
| <b>Antiserum Preparation</b>          | Antiserum to bovine interleukin-8 was raised by repeated immunization of goat 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 IL-8   |
| <b>External Database Links</b>       | <p><b>UniProt:</b><br/> <a href="#">P79255</a>    <a href="#">Related reagents</a></p> <p><b>Entrez Gene:</b><br/> <a href="#">280828</a>    IL8    <a href="#">Related reagents</a></p>  |
| <b>Synonyms</b>                      | CXCL8   |
| <b>Specificity</b>                   | <p><b>Goat anti Bovine Interleukin-8</b> recognizes bovine interleukin-8 (IL-8), also known as C-X-C Motif Chemokine Ligand 8 (CXCL8).</p> <p>Bovine IL-8 is produced by macrophages and released from several cell types in response to an inflammatory stimulus. IL-8 is a member of the chemokine family and as chemotactic factor attracts neutrophils, basophils, and T cells but not monocytes.</p> |
| <b>ELISA</b>                         | This product may be used as a capture antibody in a sandwich ELISA together with <a href="#">AHP2817B</a> as the detection reagent. <a href="#">PBP039</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: 10040: <a href="https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf">https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf</a>   |
| <b>Regulatory</b>                    | For research purposes only  |

## Related Products

### Recommended Secondary Antibodies

Rabbit Anti Goat IgG (Fc) (STAR122...) [FITC](#), [HRP](#)

|                                  |   |                  |   |               |   |
|----------------------------------|---|------------------|---|---------------|---|
| <b>North &amp; South America</b> | Tel: +1 800 265 7376<br>Fax: +1 919 878 3751<br>Email: <a href="mailto:antibody_sales_us@bio-rad.com">antibody_sales_us@bio-rad.com</a> | <b>Worldwide</b> | Tel: +44 (0)1865 852 700<br>Fax: +44 (0)1865 852 739<br>Email: <a href="mailto:antibody_sales_uk@bio-rad.com">antibody_sales_uk@bio-rad.com</a> | <b>Europe</b> | Tel: +49 (0) 89 8090 95 21<br>Fax: +49 (0) 89 8090 95 50<br>Email: <a href="mailto:antibody_sales_de@bio-rad.com">antibody_sales_de@bio-rad.com</a> |
|----------------------------------|---|------------------|---|---------------|---|

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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