

## Datasheet: AHP2817

**BATCH NUMBER 164982**

<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.

#### Target Species

Bovine

#### Species Cross Reactivity

Reacts with: Dog

**N.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.

#### Product Form

Purified IgG - liquid

#### Antiserum Preparation

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.

#### Buffer Solution

Phosphate buffered saline

#### Preservative Stabilisers

0.09% Sodium Azide (NaN<sub>3</sub>)

#### Approx. Protein

IgG concentration 1.0 mg/ml

## Concentrations

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**Immunogen** Recombinant bovine IL-8

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## External Database Links

**UniProt:**  
[P79255](#)    [Related reagents](#)

**Entrez Gene:**  
[280828](#) IL8    [Related reagents](#)

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**Synonyms** CXCL8

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**Specificity** **Goat anti Bovine Interleukin-8** recognizes bovine interleukin-8 (IL-8), also known as C-X-C Motif Chemokine Ligand 8 (CXCL8).

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.

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**ELISA** This product may be used as a capture antibody in a sandwich ELISA together with [AHP2817B](#) as the detection reagent. [PBP039](#) 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/AHP281710040>

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**Regulatory** For research purposes only

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## Related Products

### Recommended Secondary Antibodies

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

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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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