

## Datasheet: AHP2380

**BATCH NUMBER 160602**

<b>Description:</b>	CHICKEN ANTI BOVINE INTERLEUKIN-6
<b>Specificity:</b>	IL-6
<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.

#### Target Species

Bovine

#### Species Cross Reactivity

Does not react with: Cat, Dog, Horse, Human, Mouse, Pig  
 Reacts weakly with: Sheep

**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

Antisera to bovine interleukin-6 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 interleukin-6
<b>External Database Links</b>	<p><b>UniProt:</b>  <a href="#">P26892</a>    <a href="#">Related reagents</a></p> <p><b>Entrez Gene:</b>  <a href="#">280826</a>    IL6    <a href="#">Related reagents</a></p>
<b>Specificity</b>	<p><b>Chicken anti Bovine interleukin-6 antibody</b> recognizes bovine interleukin-6 (IL-6), a 23.8 kDa cytokine belonging to the IL-6 superfamily.</p> <p>Bovine interleukin-6 is a multifunctional cytokine secreted by a range of cell types, in particular T lymphocytes and macrophages. IL-6 has a range of activities and includes the differentiation of B cells into Ig producing cells, differentiation of lymphocytes and of monocytes. IL-6 functions in both a pro-inflammatory role where it is an important inducer of the acute phase response and also as an anti-inflammatory myokine (<a href="#">Febbraio &amp; Pedersen 2005</a>).</p>
<b>ELISA</b>	This product may be used as a capture antibody in a sandwich ELISA together with <a href="#">AHP2380B</a> as the detection reagent. Recombinant Bovine interleukin-6 ( <a href="#">PBP021</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/AHP2380">https://www.bio-rad-antibodies.com/SDS/AHP2380</a> 10040
<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](http://bio-rad-antibodies.com/datasheets)

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