

Datasheet: AHP2380

BATCH NUMBER 159839

Description:	CHICKEN ANTI BOVINE INTERLEUKIN-6
Specificity:	IL-6
Format:	Purified
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	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.

	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.

Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	0.09% Sodium Azide (NaN ₃)
Approx. Protein Concentrations	IgG concentration 1.0 mg/ml
Immunogen	Recombinant bovine interleukin-6
External Database Links	<p>UniProt: P26892 Related reagents</p> <p>Entrez Gene: 280826 IL6 Related reagents</p>
Specificity	<p>Chicken anti Bovine interleukin-6 antibody 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 (Febbraio & Pedersen 2005).</p>
ELISA	This product may be used as a capture antibody in a sandwich ELISA together with AHP2380B as the detection reagent. Recombinant Bovine interleukin-6 (PBP021) 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/AHP2380 10040
Regulatory	For research purposes only

North & South America Tel: +1 800 265 7376
 Fax: +1 919 878 3751

Email: antibody_sales_us@bio-rad.com

Worldwide

Tel: +44 (0)1865 852 700

Fax: +44 (0)1865 852 739

Email: antibody_sales_uk@bio-rad.com

Europe

Tel: +49 (0) 89 8090 95 21

Fax: +49 (0) 89 8090 95 50

Email: antibody_sales_de@bio-rad.com

To find a batch/lot specific datasheet for this product, please use our online search tool at: bio-rad-antibodies.com/datasheets

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