

Datasheet: AHP2380B

Description:	CHICKEN ANTI BOVINE INTERLEUKIN-6:Biotin
Specificity:	IL-6
Format:	Biotin
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	50 µg

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	▪			0.1ug/ml - 0.5ug/ml
Immunoprecipitation			▪	
Western Blotting			▪	

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.
Product Form	Purified IgG conjugated to Biotin - 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**

UniProt:

[P26892](#) [Related reagents](#)

Entrez Gene:

[280826](#) IL6 [Related reagents](#)

Specificity

Chicken anti Bovine interleukin-6 antibody recognizes bovine interleukin-6 (IL-6), a 23.8 kDa cytokine belonging to the IL-6 superfamily.

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 cytokine.

ELISA

This product may be used as a detection antibody in a sandwich ELISA together with [AHP2380](#) as the capture 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.

Shelf Life

12 months from date of despatch.

**Health And Safety
Information**

Material Safety Datasheet documentation #10040 available at:
10040: <https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf>

Regulatory

For research purposes only

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