

Datasheet: MCA5932P

Description:	MOUSE ANTI CHICKEN INTERLEUKIN-6:HRP
Specificity:	IL-6
Format:	HRP
Product Type:	Monoclonal Antibody
Clone:	AV129
Isotype:	IgG2a
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
Immunohistology - Frozen			▪	
Immunohistology - Paraffin			▪	
ELISA	▪			1/20,000 - 1/200,000
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	Chicken
Product Form	Purified IgG conjugated to Horseradish Peroxidase (HRP) - liquid
Preparation	Purified IgG prepared by affinity chromatography on Protein G from tissue culture supernatant
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	0.01% Thiomersal HRP Stabiliser (BUF052A)
Approx. Protein Concentrations	IgG concentration 1.0 mg/ml
Immunogen	Chicken interleukin-6 (IL-6)

External Database**Links****UniProt:**[Q90YI0](#)[Related reagents](#)**Entrez Gene:**[395337](#)

IL6

[Related reagents](#)

Fusion Partners

Spleen cells from immunised mice were fused with cells of the SP2/0 myeloma cell line

Specificity

Mouse anti Chicken Interleukin-6 antibody, clone AV129 recognizes chicken interleukin-6 (IL-6), a cytokine that can function in either a pro-inflammatory or in an anti-inflammatory capacity.

Chicken interleukin-6 is produced by a range of cell types including macrophages, endothelial cells, T-cells and fibroblasts. IL-6 is a multipotential cytokine with the ability to induce proliferation and differentiation in B-cells and T-cells and acts as an important mediator in acute phase response.

This antibody was raised as part of the UK BBSRC funded avian immunology toolbox project and is one of a number reagents now available from Bio-Rad developed from this project.

Storage

Store at +4°C. DO NOT FREEZE.

This product should be stored undiluted. This product is photosensitive and should be protected from light. 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 #10131 available at:

<https://www.bio-rad-antibodies.com/SDS/MCA5932P>

10131

Regulatory

For research purposes only

Related Products**Recommended Useful Reagents**[RECOMBINANT CHICKEN INTERLEUKIN-6 \(PAP003\)](#)**North & South** Tel: +1 800 265 7376**America** Fax: +1 919 878 3751Email: antibody_sales_us@bio-rad.com**Worldwide**

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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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