

Datasheet: 610001

BATCH NUMBER 170152

Description:	GOAT ANTI CHICKEN IgG (H/L)
Specificity:	IgG (H/L)
Other names:	IgY
Format:	Purified
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	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
ELISA	▪			
Immunoprecipitation			▪	

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 - liquid
Preparation	Purified IgG prepared by affinity chromatography
Buffer Solution	Borate buffered saline
Preservative Stabilisers	None present
Approx. Protein Concentrations	IgG concentration 1.0mg/ml
RRID	AB_618828

Specificity **Goat anti Chicken IgG antibody** recognizes both the heavy and light chains of Chicken

IgG.

No cross adsorption was performed; the antibody may show cross reactivity with immunoglobulins from other species and with light chains of other chicken immunoglobulins. This antibody has been validated for ELISA.

Structurally, IgY consists of two heavy chains and two light chains, similar to IgG, but differs by having an additional constant domain and no hinge region, resulting in a higher molecular weight and distinct Fc properties.

References

1. Lacharme-Lora, L. *et al.* (2017) B lymphocytes play a limited role in clearance of *Campylobacter jejuni* from the chicken intestinal tract. [Sci Rep. 7: 45090.](#)

Storage

Store at -20°C only.

Storage in frost-free freezers is not recommended.

This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

Guarantee

Guaranteed for 12 months from the date of despatch or until the date of expiry, whichever comes first. Please see label for expiry date.

Health And Safety Information

Material Safety Datasheet documentation #10123 available at: <https://www.bio-rad-antibodies.com/SDS/610001>

Regulatory

For research purposes only

Related Products

Recommended Secondary Antibodies

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

Product inquiries: www.bio-rad-antibodies.com/technical-support

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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