

## Datasheet: MCA630GA

**BATCH NUMBER 148609**

<b>Description:</b>	MOUSE ANTI DOG IgG/A/M
<b>Specificity:</b>	IgG IgA IgM
<b>Format:</b>	Purified
<b>Product Type:</b>	Monoclonal Antibody
<b>Clone:</b>	K99 2E3
<b>Isotype:</b>	IgG1
<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	▪			1/100 - 1/10000
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.

<b>Target Species</b>	Dog
<b>Product Form</b>	Purified IgG - liquid
<b>Preparation</b>	Purified IgG prepared by affinity chromatography on Protein A from tissue culture supernatant
<b>Buffer Solution</b>	Phosphate buffered saline
<b>Preservative Stabilisers</b>	0.09% Sodium Azide (NaN <sub>3</sub> )
<b>Carrier Free</b>	Yes

<b>Approx. Protein Concentrations</b>	IgG concentration 1.0 mg/ml
<b>Immunogen</b>	Canine immunoglobulin
<b>Fusion Partners</b>	Spleen cells from immunised mice were fused with cells of the mouse P3-X63-Ag8.653 myeloma cell line
<b>Specificity</b>	<b>Mouse anti Dog IgG/A/M, clone K99 2E3</b> , recognizes canine immunoglobulin (IgA, IgM and IgG classes).
<b>References</b>	<p>1. Tipold, A. <i>et al.</i> (2000) Presumed immune-mediated cerebellar granulo-prival degeneration in the Coton de Tuléar breed. <a href="#">J Neuroimmunol. 110: 130-3.</a></p> <p>2. Altug, N. <i>et al.</i> (2010) Immunostimulatory Effects of Aloe vera and <math>\beta</math>-Glucan on Cellular and Humoral Immune Responses Following Vaccination with Polyvalent Vaccines in Dogs. <a href="#">Kafkas Univ Vet Fak Derg 16: 405-12</a></p>
<b>Storage</b>	Store at +4°C or at -20°C if preferred.
	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.
<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/MCA630GA">https://www.bio-rad-antibodies.com/SDS/MCA630GA</a> 10040
<b>Regulatory</b>	For research purposes only

## Related Products

### Recommended Secondary Antibodies

Goat Anti Mouse IgG (STAR77...)	<a href="#">HRP</a>
Rabbit Anti Mouse IgG (STAR12...)	<a href="#">RPE</a>
Goat Anti Mouse IgG IgA IgM (STAR87...)	<a href="#">Alk. Phos.</a> , <a href="#">HRP</a>
Goat Anti Mouse IgG (STAR76...)	<a href="#">RPE</a>
Goat Anti Mouse IgG (Fc) (STAR120...)	<a href="#">FITC</a> , <a href="#">HRP</a>
Rabbit Anti Mouse IgG (STAR13...)	<a href="#">HRP</a>
Goat Anti Mouse IgG (STAR70...)	<a href="#">FITC</a>
Goat Anti Mouse IgG (H/L) (STAR117...)	<a href="#">Alk. Phos.</a> , <a href="#">DyLight®488</a> , <a href="#">DyLight®550</a> , <a href="#">DyLight®650</a> , <a href="#">DyLight®680</a> , <a href="#">DyLight®800</a> , <a href="#">FITC</a> , <a href="#">HRP</a>
Rabbit Anti Mouse IgG (STAR9...)	<a href="#">FITC</a>

### Recommended Useful Reagents

[MOUSE ANTI DOG IgE \(MCA1895\)](#)

[MOUSE ANTI DOG IgE \(MCA1896\)](#)

[MOUSE ANTI DOG IgE:Biotin \(MCA1896B\)](#)

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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://bio-rad-antibodies.com/datasheets)

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