

Datasheet: 642009

**BATCH NUMBER 070915**

<b>Description:</b>	DONKEY ANTI GOAT IgG (H/L):RPE (RAT/MOUSE ADSORBED)
<b>Specificity:</b>	IgG (H/L)
<b>Format:</b>	RPE
<b>Product Type:</b>	Polyclonal Antibody
<b>Isotype:</b>	Polyclonal IgG
<b>Quantity:</b>	0.5 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	▪			1/10 - 1/50

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>	Goat		
<b>Species Cross Reactivity</b>	Does not react with: Mouse, Rat		
<b>Product Form</b>	Purified IgG conjugated to R. Phycoerythrin (RPE) - liquid		
<b>Max Ex/Em</b>	<b>Fluorophore</b>	<b>Excitation Max (nm)</b>	<b>Emission Max (nm)</b>
	RPE 488nm laser	496	578

**Antiserum Preparation** Antiserum to goat IgG (H/L) was raised by repeated immunisation of donkeys with highly purified antigen. Purified IgG was prepared from whole serum by affinity chromatography.

<b>Buffer Solution</b>	Phosphate buffered saline
<b>Preservative</b>	0.1% Sodium azide
<b>Stabilisers</b>	Stabilising agent
<b>Approx. Protein</b>	0.5 mg/ml

## Concentrations

**Immunogen** Goat IgG.

**RRID** AB\_616847

**Specificity** **Donkey anti Goat IgG antibody** recognizes the heavy and light chains of goat IgG as demonstrated by ELISA. The preparation has minimal cross reaction with rat and mouse serum proteins, however, it may react with the light chains of other goat immunoglobulins.

**Flow Cytometry** Use 10ul of the suggested working dilution to label  $1 \times 10^6$  cells in 100ul

**References**

1. Gerry, A.B. and Leake, D.S. (2014) Effect of low extracellular pH on NF- $\kappa$ B activation in macrophages. [Atherosclerosis. 233: 537-44.](#)
2. Armour, K.L.*et al.* (2014) Clearance of Human IgG1-Sensitised Red Blood Cells In Vivo in Humans Relates to the In Vitro Properties of Antibodies from Alternative Cell Lines. [PLoS One. 9: e109463.](#)

**Storage** +4°C DO NOT FREEZE  
This product is photosensitive and should be protected from light.

**Guarantee** 12 months from date of despatch

**Health And Safety Information** Material Safety Datasheet documentation #10331 available at: <https://www.bio-rad-antibodies.com/SDS/64200910331>

**Regulatory** For research purposes only

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