Datasheet: 642009

BATCH NUMBER 165231

Description:	DONKEY ANTI GOAT IgG (H/L):RPE (RAT/MOUSE ADSORBED)
Specificity:	IgG (H/L)
Format:	RPE
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	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.

	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.

Target Species

Goat

Species Cross Reactivity

Does not react with:Mouse, Rat

Product Form

Purified IgG conjugated to R. Phycoerythrin (RPE) - liquid

Max Ex/Em

Fluorophore	Excitation Max (nm)	Emission Max (nm)
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.

Buffer Solution

Phosphate buffered saline

Preservative Stabilisers

<0.1% Sodium Azide (NaN_3)
Stabilizing agent (sucrose)

Approx. Protein

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 1x10^6 cells in 100ul
References	1. Gerry, A.B. and Leake, D.S. (2014) Effect of low extracellular pH on NF-κB 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	+4ºC DO NOT FREEZE This product is photosensitive and should be protected from light.
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 #10045 available at: https://www.bio-rad-antibodies.com/SDS/642009 10045
Regulatory	For research purposes only

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