

Datasheet: 643009

Description:	DONKEY ANTI RAT IgG (H/L):RPE (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	Rat		
Species Cross Reactivity	Does not react with:Mouse		
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 rat 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 Concentrations	0.5 mg/ml

Immunogen Rat IgG.

External Database

Links

UniProt:

[P20767](#) [Related reagents](#)
[P20760](#) [Related reagents](#)
[P20759](#) [Related reagents](#)
[P20761](#) [Related reagents](#)
[P20762](#) [Related reagents](#)
[P01835](#) [Related reagents](#)
[P01836](#) [Related reagents](#)
[P20766](#) [Related reagents](#)

Entrez Gene:

[679045](#) LOC679045 [Related reagents](#)
[299354](#) Ighg [Related reagents](#)
[362795](#) LOC362795 [Related reagents](#)
[500180](#) LOC500180 [Related reagents](#)
[363828](#) RGD1564318 [Related reagents](#)

RRID AB_616868

Specificity **Donkey anti Rat IgG antibody** recognizes rat IgG heavy and light chains and demonstrates minimal cross reactivity with mouse serum proteins.

Flow Cytometry Use 10ul of the suggested working dilution to label 1×10^6 cells in 100ul.

References

1. Bombardieri, M. *et al.* (2011) A BAFF/APRIL-dependent TLR3-stimulated pathway enhances the capacity of rheumatoid synovial fibroblasts to induce AID expression and Ig class-switching in B cells. [Ann Rheum Dis. 70 \(10\): 1857-65.](#)
2. Ivanescu, A.A. *et al.* (2015) Modifying Choroidal Neovascularization Development with a Nutritional Supplement in Mice. [Nutrients. 7 \(7\): 5423-42.](#)

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

Guarantee Guaranteed until date of expiry. Please see product label.

Health And Safety Information Material Safety Datasheet documentation #10045 available at:
10045: <https://www.bio-rad-antibodies.com/uploads/MSDS/10045.pdf>

North & South America Tel: +1 800 265 7376
Fax: +1 919 878 3751

Email: antibody_sales_us@bio-rad.com

Worldwide Tel: +44 (0)1865 852 700
Fax: +44 (0)1865 852 739

Email: antibody_sales_uk@bio-rad.com

Europe Tel: +49 (0) 89 8090 95 21
Fax: +49 (0) 89 8090 95 50

Email: antibody_sales_de@bio-rad.com

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)

'M387566:210629'

