

## Datasheet: 204009

<b>Description:</b>	GOAT ANTI HUMAN IgG:RPE
<b>Specificity:</b>	IgG
<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	▪			

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>	Human		
<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
<b>Preparation</b>	Purified IgG prepared by affinity chromatography		
<b>Buffer Solution</b>	Phosphate buffered saline		
<b>Preservative</b>	<0.1% Sodium Azide (NaN <sub>3</sub> )		
<b>Stabilisers</b>	Stabilizing agent (sucrose)		
<b>Approx. Protein Concentrations</b>	0.5 mg/ml		
<b>Immunogen</b>	Normal human IgG and human IgG paraproteins		

**External Database  
Links**

**UniProt:**

[P01857](#)   [Related reagents](#)  
[P01859](#)   [Related reagents](#)  
[P01861](#)   [Related reagents](#)  
[P01860](#)   [Related reagents](#)

**Entrez Gene:**

[3500](#)   IGHG1   [Related reagents](#)  
[3501](#)   IGHG2   [Related reagents](#)  
[3502](#)   IGHG3   [Related reagents](#)  
[3503](#)   IGHG4   [Related reagents](#)

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**RRID**                      AB\_616852

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**Specificity**                **Goat anti Human IgG antibody** reacts with the heavy chain of human IgG and has been cross-absorbed with human IgM and IgA, but may recognise IgG from other species.

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**References**                1. Lund K *et al.* (2014) The novel EpCAM-targeting monoclonal antibody 3-17I linked to saporin is highly cytotoxic after photochemical internalization in breast, pancreas and colon cancer cell lines. [MAbs. 6 \(4\): 1038-50.](#)  
2. Gilbert, A. (2013) Humoral immune response to melanoma: discovery and evaluation of anti-melanoma antibodies [PhD. Thesis KCL UK.](#)

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**Storage**                    Store at +4°C. DO NOT FREEZE.  
This product should be stored undiluted. This product is photosensitive and should be protected from light. Should this product contain a precipitate we recommend microcentrifugation before use.

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

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

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**Regulatory**                For research purposes only

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## Related Products

### Recommended Useful Reagents

[HUMAN SEROBLOCK \(BUF070A\)](#)

[HUMAN SEROBLOCK \(BUF070B\)](#)

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

                  Email: [antibody\\_sales\\_us@bio-rad.com](mailto: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](mailto: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](mailto: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](http://bio-rad-antibodies.com/datasheets)

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