

Datasheet: 204009

BATCH NUMBER 161519

Description:	GOAT ANTI HUMAN IgG:RPE
Specificity:	IgG
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	▪			

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	Human		
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
Preparation	Purified IgG prepared 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	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](#)

RRID AB_616852

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.

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.](#)

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.

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

**Health And Safety
Information** Material Safety Datasheet documentation #10045 available at:
<https://www.bio-rad-antibodies.com/SDS/204009>
10045

Regulatory For research purposes only

Related Products

Recommended Useful Reagents

[HUMAN SEROBLOCK \(BUF070A\)](#)
[HUMAN SEROBLOCK \(BUF070B\)](#)

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