

Datasheet: 204009

BATCH NUMBER 172430

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 This product is shipped at ambient temperature.
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 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/204009>

Regulatory For research purposes only

Related Products

Recommended Useful Reagents

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

Product inquiries: www.bio-rad-antibodies.com/technical-support

To find a batch/lot specific datasheet for this product, please use our online search tool at: bio-rad-antibodies.com/datasheets
'M438842:250523'

