

Datasheet: 204002

**BATCH NUMBER 172723**

<b>Description:</b>	GOAT ANTI HUMAN IgG:FITC
<b>Specificity:</b>	IgG
<b>Format:</b>	FITC
<b>Product Type:</b>	Polyclonal Antibody
<b>Isotype:</b>	Polyclonal IgG
<b>Quantity:</b>	1 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	▪			
Immunohistology - Frozen	▪			
Immunofluorescence	▪			

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 Fluorescein Isothiocyanate Isomer 1 (FITC) - liquid		
<b>Max Ex/Em</b>	<b>Fluorophore</b>	<b>Excitation Max (nm)</b>	<b>Emission Max (nm)</b>
	FITC	490	525
<b>Preparation</b>	Purified IgG prepared by affinity chromatography		
<b>Buffer Solution</b>	Phosphate buffered saline		
<b>Preservative Stabilisers</b>	<0.1% Sodium Azide (NaN <sub>3</sub> )		
<b>Approx. Protein Concentrations</b>	IgG concentration 1.0 mg/ml		

**Immunogen** Normal human IgG and human IgG paraproteins

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**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\_619861

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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**

- Lund K *et al.* (2014) The novel EpCAM-targeting monoclonal antibody 3-171 linked to saporin is highly cytotoxic after photochemical internalization in breast, pancreas and colon cancer cell lines. [MAbs. 6 \(4\): 1038-50.](#)
- Gilbert, A. (2013) Humoral immune response to melanoma: discovery and evaluation of anti-melanoma antibodies [PhD. Thesis KCL UK.](#)

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**Storage** This product is shipped at ambient temperature. It is recommended to aliquot and store at -20°C on receipt. When thawed, aliquot the sample as needed. Keep aliquots at 2-8°C for short term use (up to 4 weeks) and store the remaining aliquots at -20°C.

Avoid repeated freezing and thawing as this may denature the antibody. Storage in frost-free freezers is not recommended. This product is photosensitive and should be protected from light.

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**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.

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**Health And Safety Information** Material Safety Datasheet documentation #10040 available at: <https://www.bio-rad-antibodies.com/SDS/204002>

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**Regulatory** For research purposes only

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## Related Products

### Recommended Useful Reagents

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

**Product inquiries:** [www.bio-rad-antibodies.com/technical-support](http://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](http://bio-rad-antibodies.com/datasheets)  
'M427927:240301'

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