

Datasheet: 204002

**BATCH NUMBER 154179**

|                      |                          |
|----------------------|--------------------------|
| <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  |                            |                          |
| <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:**

|                        |                                  |
|------------------------|----------------------------------|
| <a href="#">P01857</a> | <a href="#">Related reagents</a> |
| <a href="#">P01859</a> | <a href="#">Related reagents</a> |
| <a href="#">P01861</a> | <a href="#">Related reagents</a> |
| <a href="#">P01860</a> | <a href="#">Related reagents</a> |

**Entrez Gene:**

|                      |       |                                  |
|----------------------|-------|----------------------------------|
| <a href="#">3500</a> | IGHG1 | <a href="#">Related reagents</a> |
| <a href="#">3501</a> | IGHG2 | <a href="#">Related reagents</a> |
| <a href="#">3502</a> | IGHG3 | <a href="#">Related reagents</a> |
| <a href="#">3503</a> | IGHG4 | <a href="#">Related reagents</a> |

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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**

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 or at -20°C if preferred.  
Storage in frost-free freezers is not recommended.  
This product should be stored undiluted. This product is photosensitive and should be protected from light.  
Avoid repeated freezing and thawing as this may denature the antibody.

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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 #10040 available at:  
<https://www.bio-rad-antibodies.com/SDS/204002>  
10040

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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

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

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

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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](https://bio-rad-antibodies.com/datasheets)

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