

Datasheet: 204001

**BATCH NUMBER 158607**

|                      |                     |
|----------------------|---------------------|
| <b>Description:</b>  | GOAT ANTI HUMAN IgG |
| <b>Specificity:</b>  | IgG                 |
| <b>Format:</b>       | Purified            |
| <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 |
|--------------------|-----|----|----------------|--------------------|
| ELISA              | ▪   |    |                |                    |
| Immunofluorescence | ▪   |    |                |                    |
| Immunoblotting     | ▪   |    |                |                    |

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 - liquid                            |
| <b>Preparation</b>                    | Purified IgG prepared by affinity chromatography |
| <b>Buffer Solution</b>                | Borate buffered saline                           |
| <b>Preservative Stabilisers</b>       | None present                                     |
| <b>Approx. Protein Concentrations</b> | IgG concentration 1.0 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\_617099

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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 -20°C only.  
Storage in frost-free freezers is not recommended.  
This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. 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 #10123 available at:  
<https://www.bio-rad-antibodies.com/SDS/204001>  
10123

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**Regulatory**                      For research purposes only

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## Related Products

### Recommended Secondary Antibodies

Rabbit Anti Goat IgG (Fc) (STAR122...) [FITC](#), [HRP](#)

**North & South**    Tel: +1 800 265 7376

**America**              Fax: +1 919 878 3751

                            Email: [antibody\\_sales\\_us@bio-rad.com](mailto:antibody_sales_us@bio-rad.com)

**Worldwide**

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                            Email: [antibody\\_sales\\_uk@bio-rad.com](mailto:antibody_sales_uk@bio-rad.com)

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

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