

## Datasheet: STAR181

**BATCH NUMBER 170813**

|                      |   |
|----------------------|---|
| <b>Description:</b>  | GOAT F(ab') <sub>2</sub> ANTI HUMAN IgG HEAVY CHAIN |
| <b>Specificity:</b>  | IgG HEAVY CHAIN                                     |
| <b>Format:</b>       | Purified  |
| <b>Product Type:</b> | Polyclonal Antibody                                 |
| <b>Isotype:</b>      | Polyclonal IgG                                      |
| <b>Quantity:</b>     | 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](http://www.bio-rad-antibodies.com/protocols).

|                            | Yes | No | Not Determined | Suggested Dilution |
|----------------------------|-----|----|----------------|--------------------|
| Flow Cytometry             |     |    | ▪              |                    |
| Immunohistology - Frozen   |     |    | ▪              |                    |
| Immunohistology - Paraffin |     |    | ▪              |                    |
| ELISA                      | ▪   |    |                |                    |
| Western Blotting           | ▪   |    |                |                    |
| Immunofluorescence         | ▪   |    |                |                    |

Where this antibody has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. It is recommended that the user titrates the antibody for use in their own system using appropriate negative/positive controls.

|                                       |  |
|---------------------------------------|--|
| <b>Target Species</b>                 | Human  |
| <b>Product Form</b>                   | F(ab') <sub>2</sub> fragments of purified IgG - liquid   |
| <b>Antiserum Preparation</b>          | Antisera to human IgG were raised by repeated immunisation of goats with purified antigen. F(ab') <sub>2</sub> fragments were prepared by gel filtration chromatography of pepsin digested goat anti human IgG (H/L) antibody. |
| <b>Buffer Solution</b>                | Borate buffered saline   |
| <b>Preservative Stabilisers</b>       | <0.1% Sodium Azide (NaN <sub>3</sub> )   |
| <b>Approx. Protein Concentrations</b> | F(ab') <sub>2</sub> concentration 0.5mg/ml   |

RRID AB\_10612239

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**Specificity** **Goat F(ab')<sub>2</sub> anti Human IgG heavy chain antibody** recognises the heavy chain of human IgG. It has been cross adsorbed against human IgM and IgA. It may react with IgG from other species.

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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.

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**Guarantee** 12 months from date of despatch

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**Health And Safety Information** Material Safety Datasheet documentation #10077 available at: <https://www.bio-rad-antibodies.com/SDS/STAR181>

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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](#)

**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)  
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