

## Datasheet: 640001

|                      |                            |
|----------------------|----------------------------|
| <b>Description:</b>  | SHEEP ANTI FITC            |
| <b>Specificity:</b>  | FITC                       |
| <b>Other names:</b>  | FLUORESCEIN ISOTHIOCYANATE |
| <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 |
|----------------------------|-----|----|----------------|--------------------|
| Flow Cytometry             |     |    | ▪              |                    |
| Immunohistology - Frozen   | ▪   |    |                |                    |
| Immunohistology - Paraffin |     |    | ▪              |                    |
| ELISA                      | ▪   |    |                |                    |
| Immunoprecipitation        |     |    | ▪              |                    |
| Western Blotting           |     |    | ▪              |                    |
| 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>           | Chemical   |
| <b>Product Form</b>             | Purified IgG - liquid  |
| <b>Preparation</b>              | Purified IgG prepared by affinity chromatography.  |
| <b>Antiserum Preparation</b>    | Antiserum to FITC was raised by repeated immunisation of sheep with highly purified antigen. |
| <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>                      | Fluorescein isothiocyanate (isomer 1).   |
| <b>RRID</b>                           | AB_620733  |
| <b>Specificity</b>                    | <b>Sheep anti FITC antibody</b> recognizes the fluorochrome Fluorescein Isothiocyanate (FITC). This reagent may be useful for amplification of staining using FITC conjugated reagents.  |
| <b>References</b>                     | <p>1. Heine, S. <i>et al.</i> (2011) CNGA3: A Target of Spinal Nitric Oxide/cGMP Signaling and Modulator of Inflammatory Pain Hypersensitivity. <a href="#">J Neurosci. 31: 11184-92.</a></p> <p>2. Martínez-Sernández V <i>et al.</i> (2016) Usefulness of ELISA Methods for Assessing LPS Interactions with Proteins and Peptides. <a href="#">PLoS One. 11 (6): e0156530.</a></p> <p>3. Aillaud, I. <i>et al.</i> (2022) A novel D-amino acid peptide with therapeutic potential (ISAD1) inhibits aggregation of neurotoxic disease-relevant mutant Tau and prevents Tau toxicity <i>in vitro.</i> <a href="#">Alzheimers Res Ther. 14 (1): 15.</a></p> |
| <b>Storage</b>                        | <p>Store at -20°C only.</p> <p>Storage in frost-free freezers is not recommended.</p> <p>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.</p>  |
| <b>Guarantee</b>                      | Guaranteed until date of expiry. Please see product label.   |
| <b>Health And Safety Information</b>  | Material Safety Datasheet documentation #10123 available at: 10123: <a href="https://www.bio-rad-antibodies.com/uploads/MSDS/10123.pdf">https://www.bio-rad-antibodies.com/uploads/MSDS/10123.pdf</a>  |
| <b>Regulatory</b>                     | For research purposes only   |

## Related Products

### Recommended Secondary Antibodies

Rabbit Anti Sheep IgG (H/L) (5184-2304...) [Biotin](#)

Donkey Anti Sheep IgG (STAR88...) [DyLight®488](#), [HRP](#)

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

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