

Datasheet: 640005

BATCH NUMBER 167710

| | |
|----------------------|-----------------------------|
| Description: | SHEEP ANTI FITC:HRP |
| Specificity: | FITC |
| Other names: | FLUORESCCEIN ISOTHIOCYANATE |
| Format: | HRP |
| Product Type: | Polyclonal Antibody |
| Isotype: | Polyclonal IgG |
| Quantity: | 1 ml |

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.

| | Yes | No | Not Determined | Suggested Dilution |
|----------------------------|-----|----|----------------|--------------------|
| Immunohistology - Frozen | | | ▪ | |
| Immunohistology - Paraffin | | | ▪ | |
| ELISA | ▪ | | | 1/4000 - 1/8000 |
| Western Blotting | | | ▪ | |

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.

| | |
|---------------------------------|---|
| Target Species | Chemical |
| Product Form | Purified IgG conjugated to Horseradish Peroxidase (HRP) - liquid |
| Preparation | Purified IgG was prepared from whole serum by affinity chromatography. |
| Antiserum Preparation | Antiserum to was raised by repeated immunisation of sheep with highly purified antigen. |
| Buffer Solution | Phosphate buffered saline |
| Preservative Stabilisers | 50% Glycerol |
| Immunogen | Fluorescein isothiocyanate (isomer 1). |

| | |
|--------------------------------------|--|
| Specificity | Sheep anti FITC antibody recognizes the fluorochrome Fluorescein Isothiocyanate (FITC). This reagent may be useful for amplification of staining using FITC conjugated reagents. |
| References | <ol style="list-style-type: none"> 1. Heine, S. <i>et al.</i> (2011) CNGA3: A Target of Spinal Nitric Oxide/cGMP Signaling and Modulator of Inflammatory Pain Hypersensitivity. J Neurosci. 31: 11184-92. 2. Martínez-Sernández V <i>et al.</i> (2016) Usefulness of ELISA Methods for Assessing LPS Interactions with Proteins and Peptides. PLoS One. 11 (6): e0156530. 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> Alzheimers Res Ther. 14 (1): 15. 4. Kenzel, J. <i>et al.</i> (2022) Selection of <i>Listeria monocytogenes</i> InIA-Binding Peptides Using Phage Display—Novel Compounds for Diagnostic Applications? Applied Microbiology. 2 (4): 921-933. 5. Abouzayed, A. <i>et al.</i> (2023) Co-injection of anti-HER2 antibody Trastuzumab does not increase efficacy of [(177)Lu]Lu-PSMA-617 therapy in an animal model of prostate cancer. Am J Nucl Med Mol Imaging. 13 (3): 107-17. |
| Storage | <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> |
| 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. |
| Health And Safety Information | Material Safety Datasheet documentation #10106 available at: https://www.bio-rad-antibodies.com/SDS/640005 10106 |
| Regulatory | For research purposes only |

Related Products

Recommended Useful Reagents

[AbGUARD® HRP STABILIZER PLUS \(BUF052A\)](#)

[AbGUARD® HRP STABILIZER PLUS \(BUF052B\)](#)

[AbGUARD® HRP STABILIZER PLUS \(BUF052C\)](#)

[TMB CORE \(BUF056A\)](#)

[TMB CORE+ \(BUF062A\)](#)

[TMB SIGNAL+ \(BUF054A\)](#)

North & South America Tel: +1 800 265 7376
Fax: +1 919 878 3751

Email: antibody_sales_us@bio-rad.com

Worldwide

Tel: +44 (0)1865 852 700

Fax: +44 (0)1865 852 739

Email: antibody_sales_uk@bio-rad.com

Europe

Tel: +49 (0) 89 8090 95 21

Fax: +49 (0) 89 8090 95 50

Email: 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
'M420434:230706'

Printed on 01 Mar 2024

© 2024 Bio-Rad Laboratories Inc | [Legal](#) | [Imprint](#)