

Datasheet: 4510-7864

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| Description: | RABBIT 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 |
|----------------------------|-----|----|----------------|--------------------|
| Flow Cytometry | | | ▪ | |
| Immunohistology - Frozen | ▪ | | | 1/20 - 1/200 |
| Immunohistology - Paraffin | | | ▪ | |
| ELISA | ▪ | | | 1/200 - 1/1000 |
| Western Blotting | ▪ | | | 1/20 - 1/200 |

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 the appropriate negative/positive controls.

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| Target Species | Chemical |
| Product Form | Purified IgG conjugated to Horseradish Peroxidase (HRP) - liquid |
| Preparation | Purified IgG prepared by affinity chromatography. |
| Buffer Solution | Phosphate buffered saline |
| Preservative Stabilisers | 0.02% Thiomersal 1% Bovine serum albumin. |
| Approx. Protein Concentrations | 1.0 mg/ml |
| Immunogen | FITC Isomer 1. |

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| RRID | AB_619933 |
| Specificity | <p>Rabbit anti FITC antibody recognizes fluorescein and does not react with immunoglobulins from any species.</p> <p>Fluorescein isothiocyanate (FITC) is widely used to attach a fluorescent label to proteins via the amine group. The isothiocyanate group reacts with amino terminal and primary amines in proteins.</p> |
| References | <ol style="list-style-type: none"> 1. van der Loos, C. (2008) Multiple immunoenzyme staining: methods and visualizations for the observation with spectral imaging. J. Histochem Cytochem. 56: 313-328. 2. Bdeir, K. <i>et al.</i> (2010) Neutrophil alpha-defensins cause lung injury by disrupting the capillary-epithelial barrier. Am J Respir Crit Care Med. 181: 935-46. 3. Hsiao, J.R. <i>et al.</i> (2010) Cyclic alphavbeta6-targeting peptide selected from biopanning with clinical potential for head and neck squamous cell carcinoma. Head Neck. 32 (2): 160-72. 4. Türeci O <i>et al.</i> (2011) Claudin-18 gene structure, regulation, and expression is evolutionary conserved in mammals. Gene. 481 (2): 83-92. 5. Martínez-Sernández, V. <i>et al.</i> (2011) Development and evaluation of a new lateral flow immunoassay for serodiagnosis of human fasciolosis. PLoS Negl Trop Dis. 5 (11): e1376. 6. Martínez-Sernández, V. <i>et al.</i> (2014) The MF6p/FhHDM-1 major antigen secreted by the trematode parasite Fasciola hepatica is a heme-binding protein. J Biol Chem. 289 (3): 1441-56. 7. Dileepan, T. <i>et al.</i> (2015) <i>In Situ</i> Peptide-MHC-II Tetramer Staining of Antigen-Specific CD4+ T Cells in Tissues. PLoS One. 10 (6): e0128862. |
| Storage | <p>Store at +4°C or at -20°C if preferred.</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 | 12 months from date of despatch |
| Health And Safety Information | Material Safety Datasheet documentation #10095 available at: 10095: https://www.bio-rad-antibodies.com/uploads/MSDS/10095.pdf |
| 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 Tel: +1 800 265 7376

Worldwide Tel: +44 (0)1865 852 700

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

America Fax: +1 919 878 3751

Fax: +44 (0)1865 852 739

Fax: +49 (0) 89 8090 95 50

Email: antibody_sales_us@bio-rad.com

Email: antibody_sales_uk@bio-rad.com

Email: antibody_sales_de@bio-rad.com

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March

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'M363118:200528'

Printed on 12 Feb 2021

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