

Datasheet: 4510-7804

BATCH NUMBER 156971

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|----------------------|----------------------------|
| Description: | RABBIT ANTI FITC |
| Specificity: | FITC |
| Other names: | FLUORESCEIN ISOTHIOCYANATE |
| Format: | Purified |
| Product Type: | Polyclonal Antibody |
| Isotype: | Polyclonal IgG |
| Quantity: | 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.

| | Yes | No | Not Determined | Suggested Dilution |
|----------------------------|-----|----|----------------|--------------------|
| Immunohistology - Frozen | ▪ | | | |
| Immunohistology - Paraffin | | | ▪ | |
| ELISA | ▪ | | | |

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 Ig - liquid |
| Preparation | Purified IgG prepared by immunoaffinity chromatography |
| Buffer Solution | Phosphate buffered saline |
| Preservative Stabilisers | 0.1% Sodium Azide (NaN ₃) |
| Approx. Protein Concentrations | IgG concentration 1.0 mg/ml |
| Immunogen | FITC Isomer 1. |

Specificity **Rabbit anti FITC antibody** recognizes fluorescein and does not react with immunoglobulins from any species.

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.

References

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. *et al.* (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. *et al.* (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 *et al.* (2011) Claudin-18 gene structure, regulation, and expression is evolutionary conserved in mammals. [Gene. 481 \(2\): 83-92.](#)
5. Martínez-Sernández, V. *et al.* (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. *et al.* (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. *et al.* (2015) *In Situ* Peptide-MHC-II Tetramer Staining of Antigen-Specific CD4+ T Cells in Tissues. [PLoS One. 10 \(6\): e0128862.](#)

Storage

Store at +4°C or at -20°C if preferred.
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.

Guarantee

12 months from date of despatch

Health And Safety Information

Material Safety Datasheet documentation #10040 available at:
<https://www.bio-rad-antibodies.com/SDS/4510-7804>
10040

Regulatory

For research purposes only

Related Products

Recommended Secondary Antibodies

- Sheep Anti Rabbit IgG (STAR34...) [FITC](#)
Goat Anti Rabbit IgG (Fc) (STAR121...) [Biotin](#), [FITC](#), [HRP](#)
Sheep Anti Rabbit IgG (STAR35...) [RPE](#)
Goat Anti Rabbit IgG (H/L) (STAR124...) [HRP](#)

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batch/lot specific datasheet for this product, please use our online search tool at: bio-rad-antibodies.com/datasheets

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