

Datasheet: 4510-7804

Description:	RABBIT ANTI FITC
Specificity:	FITC
Other names:	FLUORESCCEIN 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.

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.
RRID	AB_619423

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, ö <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. 8. Arni, S. <i>et al.</i> (2021) Subnormothermic <i>ex vivo</i> lung perfusion attenuates ischemia reperfusion injury from donation after circulatory death donors. PLoS One. 16 (8): e0255155.
Storage	<p>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.</p> <p>Avoid repeated freezing and thawing as this may denature the antibody. Storage in frost-free freezers is not recommended.</p>
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 (H/L) (STAR124...) [HRP](#)

Sheep Anti Rabbit IgG (STAR35...) [RPE](#)
Goat Anti Rabbit IgG (Fc) (STAR121...) [Biotin](#), [FITC](#), [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
'M381432:210512'

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