

## Datasheet: 4510-7864

<b>Description:</b>	RABBIT ANTI FITC:HRP
<b>Specificity:</b>	FITC
<b>Other names:</b>	FLUORESCEIN ISOTHIOCYANATE
<b>Format:</b>	HRP
<b>Product Type:</b>	Polyclonal Antibody
<b>Isotype:</b>	Polyclonal IgG
<b>Quantity:</b>	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](http://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.

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

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## 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.](#)

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## 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.

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## Shelf Life

18 months from date of despatch.

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## Health And Safety Information

Material Safety Datasheet documentation #10095 available at:  
10095: <https://www.bio-rad-antibodies.com/uploads/MSDS/10095.pdf>

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## Regulatory

For research purposes only

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## 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+ \(BUF054A\)](#)

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