

Datasheet: 640001

BATCH NUMBER 170255

Description:	SHEEP 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
Flow Cytometry			▪	
Immunohistology - Frozen	▪			
Immunohistology - Paraffin			▪	
ELISA	▪			
Immunoprecipitation			▪	
Western Blotting			▪	
Immunofluorescence			▪	

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 - liquid
Preparation	Purified IgG prepared by affinity chromatography.
Antiserum Preparation	Antiserum to FITC was raised by repeated immunisation of sheep with highly purified antigen.
Buffer Solution	Borate buffered saline
Preservative	None present

Stabilisers

Approx. Protein Concentrations IgG concentration 1.0 mg/ml

Immunogen Fluorescein isothiocyanate (isomer 1).

RRID AB_620733

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

1. Heine, S. *et al.* (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 *et al.* (2016) Usefulness of ELISA Methods for Assessing LPS Interactions with Proteins and Peptides. [PLoS One. 11 \(6\): e0156530.](#)
3. Aillaud, I. *et al.* (2022) A novel D-amino acid peptide with therapeutic potential (ISAD1) inhibits aggregation of neurotoxic disease-relevant mutant Tau and prevents Tau toxicity *in vitro*. [Alzheimers Res Ther. 14 \(1\): 15.](#)
4. Kenzel, J. *et al.* (2022) Selection of *Listeria monocytogenes* InIA-Binding Peptides Using Phage Display—Novel Compounds for Diagnostic Applications? [Applied Microbiology. 2 \(4\): 921-933.](#)
5. Abouzayed, A. *et al.* (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 Store at -20°C only.
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 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 #10123 available at: <https://www.bio-rad-antibodies.com/SDS/640001>

Regulatory For research purposes only

Related Products

Recommended Secondary Antibodies

Rabbit Anti Sheep IgG (H/L) (5184-2304...) [Biotin](#)

Product inquiries: www.bio-rad-antibodies.com/technical-support

To find a batch/lot specific datasheet for this product, please use our online search tool at: bio-rad-antibodies.com/datasheets
'M428001:240301'

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