Datasheet: 640008

Description:	SHEEP ANTI FITC:Biotin
Specificity:	FITC
Other names:	FLUORESCEIN ISOTHIOCYANATE
Format:	Biotin
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	▪			
Western Blotting			▪	

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 conjugated to Biotin - 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	Phosphate buffered saline
Preservative Stabilisers	<0.1% Sodium Azide (NaN_3)
Approx. Protein	IgG concentration 0.5 mg/ml

Concentrations	
Immunogen	Fluorescein isothiocyanate (isomer 1).
RRID	AB_619856
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.
Storage	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. Avoid repeated freezing and thawing as this may denature the antibody. Storage in frost-free freezers is not recommended.
Guarantee	12 months from date of despatch
Health And Safety Information	Material Safety Datasheet documentation #10040 available at: 10040: https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf
Regulatory	For research purposes only

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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

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