

Datasheet: STAR2B

BATCH NUMBER 167826

Description:	STREPTAVIDIN:FITC
Name:	STREPTAVIDIN
Format:	FITC
Product Type:	Accessory Reagent
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	▪			1/100 - 1/200
Immunohistology - Frozen	▪			1/100 - 1/500
Immunohistology - Paraffin	▪			1/100 - 1/500

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 antibody for use in their own system using appropriate negative/positive controls.

Product Form	Streptavidin conjugated to Fluorescein Isothiocyanate (Isomer 1) - liquid
---------------------	---

Max Ex/Em	Fluorophore	Excitation Max (nm)	Emission Max (nm)
	FITC	490	525

Buffer Solution	Phosphate buffered saline
------------------------	---------------------------

Preservative	0.09% Sodium Azide (NaN ₃)
Stabilisers	1% Bovine Serum Albumin

Approx. Protein Concentrations	Streptavidin 1 mg/ml
---------------------------------------	----------------------

Flow Cytometry	Use 50ul of the suggested working dilution to label 10 ⁶ cells in 100ul.
-----------------------	---

References	1. Raeber, A.J. <i>et al.</i> (1999) Ectopic expression of prion protein (PrP) in T lymphocytes or hepatocytes of PrP knockout mice is insufficient to sustain prion replication. Proc Natl Acad Sci U S A. 96 (7): 3987-92.
-------------------	--

2. Stein, V.M. *et al.* (2008) Immunophenotypical characterization of monocytes in canine distemper virus infection. [Vet Microbiol. 131:237-46.](#)
3. Tsai, C.M. *et al* (2011) Galectin-1 and galectin-8 have redundant roles in promoting plasma cell formation. [J Immunol. 187: 1643-52.](#)
4. Ávila, L.R. *et al.* (2018) Promastigote parasites cultured from the lesions of patients with mucosal leishmaniasis are more resistant to oxidative stress than promastigotes from a cutaneous lesion. [Free Radic Biol Med. 129: 35-45.](#)

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 product. Storage in frost-free freezers is not recommended. This product is photosensitive and should be protected from light.

Guarantee	12 months from date of despatch
------------------	---------------------------------

Health And Safety Information	Material Safety Datasheet documentation #10223 available at: https://www.bio-rad-antibodies.com/SDS/STAR2B10223
--------------------------------------	--

Regulatory	For research purposes only
-------------------	----------------------------

North & South America	Tel: +1 800 265 7376 Fax: +1 919 878 3751 Email: antibody_sales_us@bio-rad.com	Worldwide	Tel: +44 (0)1865 852 700 Fax: +44 (0)1865 852 739 Email: antibody_sales_uk@bio-rad.com	Europe	Tel: +49 (0) 89 8090 95 21 Fax: +49 (0) 89 8090 95 50 Email: antibody_sales_de@bio-rad.com
----------------------------------	---	------------------	---	---------------	---

To find a batch/lot specific datasheet for this product, please use our online search tool at: [bio-rad-antibodies.com/datasheets](https://www.bio-rad-antibodies.com/datasheets)
'M421327:230706'

Printed on 29 Feb 2024

© 2024 Bio-Rad Laboratories Inc | [Legal](#) | [Imprint](#)