

Datasheet: STAR2B

BATCH NUMBER 1608

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

Buffer Solution	Phosphate buffered saline
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Preservative	0.09% Sodium Azide (NaN ₃)
Stabilisers	1% Bovine Serum Albumin

Approx. Protein Concentrations	Streptavidin 1 mg/ml
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Flow Cytometry	Use 50ul of the suggested working dilution to label 10 ⁶ cells in 100ul.
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References	1. Raeber, A. <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. USA. 96: 3987 - 3992.
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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.](#)

Storage

Store at +4°C or at -20°C if preferred.

This product should be stored undiluted.

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

Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

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

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