

Datasheet: STAR5B

Description:	STREPTAVIDIN:HRP
Name:	STREPTAVIDIN
Format:	HRP
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
Immunohistology - Frozen	▪			1/500
Immunohistology - Paraffin	▪			1/500
ELISA	▪			1/10,000 - 1/100,000
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 protein for use in their own system using appropriate negative/positive controls.

Product Form	Purified Streptavidin conjugated to Horseradish Peroxidase (HRP) - liquid
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	0.0095% MIT
Approx. Protein Concentrations	Protein concentration 1.0 mg/ml
Product Information	Streptavidin: horseradish peroxidase conjugates show negligible non-specific binding to non-biotinylated macromolecules and therefore give very low backgrounds.

References

1. Stäger, S. *et al.* (2000) Immunization with a recombinant stage-regulated surface protein from *Leishmania donovani* induces protection against visceral leishmaniasis. [J Immunol. 165 \(12\): 7064-71.](#)
2. Weiss, D. *et al.* (2008) Bovine monocyte TLR2 receptors differentially regulate the intracellular fate of *Mycobacterium avium* subsp. *paratuberculosis* and *Mycobacterium*

avium subsp. *avium*. [J. Leukoc. Biol. 83: 48-55.](#)

3. Sen, S. *et al.* (2014) Study of Maturation of Synapses in the Human Tongue Epithelium Using Synaptophysin as Marker: An Immunohistochemical Approach. [Journal of Pioneering Medical Sciences, 4\(3\), 105-111.](#)

4. Wong, Y.L. *et al.* (2016) Adverse effects of hydroxyethyl starch (HES 130/0.4) on intestinal barrier integrity and metabolic function are abrogated by supplementation with Albumin. [J Transl Med. 14: 60.](#)

5. Pokrovsky, V.S. *et al.* (2016) Comparative immunogenicity and structural analysis of epitopes of different bacterial L-asparaginases. [BMC Cancer. 16: 89.](#)

6. Kuo, S.H. *et al.* (2017) Cerebellar Pathology in Early Onset and Late Onset Essential Tremor. [Cerebellum. 16 \(2\): 473-482.](#)

7. Kushwaha, V. & Murthy, P. (2021) Effect of short- and long-term immunization of recombinant disorganized muscle protein-1 (rDIM-1) against human filarial parasite *Brugia malayi* in rodents [Asian Pacific Journal of Tropical Medicine. 14 \(7\): 287.](#)

8. Bouroutzika, E. *et al.* (2023) Melatonin Administration to Pregnant Ewes for Coccidiosis Control in Their Offspring. [Animals \(Basel\). 13 \(14\): 2381.](#)

9. Kushwaha, V. & Capalash, N. (2023) Evaluation of immunomodulatory potential of recombinant histidyl-tRNA synthetase (rLdHisRS) protein of *Leishmania donovani* as a vaccine candidate against visceral leishmaniasis. [Acta Trop. 241: 106867.](#)

10. Noble, A. *et al.* (2024) Development of bovine IgG3-specific assays using a novel recombinant single-domain binding reagent [Veterinary Immunology and Immunopathology. : 110852.](#)

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.

Guarantee

12 months from date of despatch

Health And Safety Information

Material Safety Datasheet documentation #20500 available at: <https://www.bio-rad-antibodies.com/SDS/STAR5B>

Regulatory

For research purposes only

Related Products

Recommended Useful Reagents

[TMB CORE \(BUF056A\)](#)

[TMB CORE+ \(BUF062A\)](#)

[TMB SIGNAL+ \(BUF054A\)](#)

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

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