

## Datasheet: STAR5B

**BATCH NUMBER 169914**

<b>Description:</b>	STREPTAVIDIN:HRP
<b>Name:</b>	STREPTAVIDIN
<b>Format:</b>	HRP
<b>Product Type:</b>	Accessory Reagent
<b>Quantity:</b>	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](http://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.](#)
  11. Dyakov, I.N. *et al.* (2025) The adoptive transfer of regulatory B lymphocytes prevents severe damage to lung tissues during respiratory infection with the influenza A/H1N1 virus [J microbiol epidemiol immunobiol. 102 \(6\): 737-49.](#)

<b>Storage</b>	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.
<b>Guarantee</b>	12 months from date of despatch
<b>Health And Safety Information</b>	Material Safety Datasheet documentation #20500 available at: <a href="https://www.bio-rad-antibodies.com/SDS/STAR5B">https://www.bio-rad-antibodies.com/SDS/STAR5B</a>
<b>Regulatory</b>	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](http://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](http://bio-rad-antibodies.com/datasheets)  
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