

Datasheet: STAR6B

BATCH NUMBER 153090

Description:	STREPTAVIDIN:Alk. Phos.
Name:	STREPTAVIDIN
Format:	Alk. Phos.
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	▪			1/50 - 1/1000
Immunohistology - Paraffin	▪			1/50 - 1/1000
ELISA	▪			1/2,000 - 1/10,000
Western Blotting	▪			1/1000 - 1/4000

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.

Product Form	Streptavidin conjugated to alkaline phosphatase - liquid
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Buffer Solution	0.05M TRIS Chloride 0.15M NaCl 0.001M MgCl ₂ 0.0001M ZnCl ₂ 50% (v/v) Glycerol; pH8.0
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Preservative	0.05% Sodium Azide (NaN ₃)
Stabilisers	1% Bovine Serum Albumin

Approx. Protein Concentrations	Total protein concentration 1.0 mg/ml
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Product Information	Alkaline phosphatase conjugated streptavidin is a ~53 kDa protein with a high binding affinity for biotin showing negligible binding to non biotinylated proteins.
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References

1. Wright, A.K. *et al.* (2012) Human Nasal Challenge with *Streptococcus pneumoniae* Is Immunising in the Absence of Carriage. [PLoS Pathog. 8: e1002622.](#)
2. Ahmed, U.K. *et al.* (2016) The Carbohydrate-linked Phosphorylcholine of the Parasitic Nematode Product ES-62 Modulates Complement Activation. [J Biol Chem. 291 \(22\): 11939-53.](#)
3. Pennington, S.H. *et al.* (2018) Longevity of duodenal and peripheral T-cell and humoral responses to live-attenuated *Salmonella typhi*. strain Ty21a. [Vaccine. 36 \(31\): 4725-33.](#)

Storage

Store at +4°C.

DO NOT FREEZE.

This product should be stored undiluted. 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 #10225 available at: <https://www.bio-rad-antibodies.com/SDS/STAR6B10225>

Regulatory

For research purposes only

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