Datasheet: STAR6B

BATCH NUMBER 159374

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

Buffer Solution

0.05M TRIS Chloride
0.15M NaCl
0.001M $MgCl_2$
0.0001M $ZnCl_2$
50% (v/v) Glycerol; pH8.0

Preservative Stabilisers

0.05% Sodium Azide (NaN_3)
1% Bovine Serum Albumin

Approx. Protein Concentrations

Total protein concentration 1.0 mg/ml

Product Information

Alkaline phosphatase conjugated streptavidin is a ~53 kDa protein with a high binding affinity for biotin showing negligable binding to non biotinylated proteins.

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/STAR6B 10225
Regulatory	For research purposes only

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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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