

## Datasheet for ABIN1536532

### Protein A Protein (Biotin)



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#### 1 Publication

#### Overview

Quantity:	2 mg
Target:	Protein A
Origin:	Staphylococcus aureus
Host:	Please inquire
Purification tag / Conjugate:	This Protein A protein is labelled with Biotin.
Application:	ELISA, Western Blotting (WB), Dot Blot (DB), Immunohistochemistry (IHC)

#### Product Details

#### Target Details

Target:	Protein A
Abstract:	<a href="#">Protein A Products</a>
Background:	Staphylococcal Protein A binds strongly and specifically to the Fc region of immunoglobulin molecules, particularly IgG. The product contains five high-affinity binding sites capable of interacting with the Fc region of IgG in humans, rabbits, pigs, and other species. Biotin-Protein A, which is produced by covalently linking biotin to protein A, can be used in immunodetections, such as immunoblotting (western or dot blot), ELISA, and immunohistochemistry.

#### Application Details

Application Notes:	Working concentrations for specific applications should be determined by titration assay. The chart below may serve as a useful guideline, but primary antibody, temperature, incubation time, the amount of antigen, and the sensitivity of the detection methods can all affect the ideal
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## Application Details

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working concentration. Dot blot: 1:5,000-1:50,000 Western blot: 1:5,000-1:50,000 ELISA: 1:50,000-1:500,000 Other: user-optimized.

Restrictions: For Research Use only

## Handling

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Concentration: 2 mg/ml

Buffer: PBS (pH 7.4) containing 10 mg/ml BSA and 0.02% sodium azide

Preservative: Sodium azide

Precaution of Use: This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C/-20 °C

Storage Comment: Store at 4°C for short periods of time, one month or shorter. Aliquot and store at -20°C for longer periods. Avoid repeated freeze/thaw cycles. Prolonged storage may result in slight precipitation, so clarify the solution by centrifugation before use.

## Publications

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Product cited in: Wen, He, Lee: "Specific antibody immobilization with biotin-poly(L-lysine)-g-poly(ethylene glycol) and protein A on microfluidic chips." in: **Journal of immunological methods**, Vol. 350, Issue 1-2, pp. 97-105, (2009) ([PubMed](#)).