



## Datasheet for ABIN1536530 Protein L Protein (Biotin)



[Go to Product page](#)

### 4 Publications

#### Overview

Quantity:	1 mg
Target:	Protein L
Origin:	Peptostreptococcus magnus
Host:	Please inquire
Purification tag / Conjugate:	This Protein L protein is labelled with Biotin.
Application:	Western Blotting (WB), Dot Blot (DB), Immunohistochemistry (IHC), ELISA

#### Product Details

##### Target Details

Target:	Protein L
Abstract:	<a href="#">Protein L Products</a>
Background:	Protein L is a cell surface protein from Peptostreptococcus magnus that binds to the variable light chains (kappa chain) of immunoglobulins without interfering with antigen binding. In contrast to IgG-binding proteins, such as protein A and protein G, protein L can be used for the detection and purification of mammalian kappa light chain antibodies of all classes. Biotin-Protein L, which is produced by covalently linking biotin to protein L, 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
--------------------	---

## Application Details

---

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 working concentration. Dot blot: 1:2,000-1:20,000 Western blot: 1:2,000-1:20,000 ELISA: 1:20,000-1:100,000 Other: user-optimized

Restrictions: For Research Use only

## Handling

---

Format: Lyophilized

Reconstitution: Reconstitute the lyophilized product with deionized water (or equivalent) to the final concentration of 1.0 mg/ml.

Concentration: 1 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: -20 °C

Storage Comment: The product is stable in lyophilized form if stored at -20°C or below. The reconstituted product can be stored for 2-3 weeks at 2-8°C. For long term storage, aliquot and store at -20°C or below. Avoid repeated freezing and thawing cycles.

## Publications

---

Product cited in: Karanth, Zinkhan, Hill, Yost, Schlegel: "FOXN3 Regulates Hepatic Glucose Utilization." in: **Cell reports**, Vol. 15, Issue 12, pp. 2745-55, (2017) ([PubMed](#)).