

Datasheet for ABIN1536530  
**Protein L Protein (Biotin)**



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**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
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## 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: Hillerdal, Ramachandran, Leja, Essand: "Systemic treatment with CAR-engineered T cells against PSCA delays subcutaneous tumor growth and prolongs survival of mice." in: **BMC cancer**, Vol. 14, pp. 30, (2014) ([PubMed](#)).

Abate-Daga, Lagisetty, Tran, Zheng, Gattinoni, Yu, Burns, Miermont, Teper, Rudloff, Restifo, Feldman, Rosenberg, Morgan: "A novel chimeric antigen receptor against prostate stem cell antigen mediates tumor destruction in a humanized mouse model of pancreatic cancer." in: **Human gene therapy**, Vol. 25, Issue 12, pp. 1003-12, (2014) ([PubMed](#)).

Lanitis, Poussin, Hagemann, Coukos, Sandaltzopoulos, Scholler, Powell: "Redirected antitumor activity of primary human lymphocytes transduced with a fully human anti-mesothelin chimeric

receptor." in: **Molecular therapy : the journal of the American Society of Gene Therapy**, Vol. 20, Issue 3, pp. 633-43, (2012) ([PubMed](#)).

Morgan, Johnson, Davis, Zheng, Woolard, Reap, Feldman, Chinnasamy, Kuan, Song, Zhang, Fine, Rosenberg: "Recognition of glioma stem cells by genetically modified T cells targeting EGFRvIII and development of adoptive cell therapy for glioma." in: **Human gene therapy**, Vol. 23, Issue 10, pp. 1043-53, (2012) ([PubMed](#)).