

Datasheet for ABIN1536529

Protein L Protein (HRP)



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Overview

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

Product Details

Target Details

Target:	Protein L
Abstract:	Protein L Products
Background:	Protein L is a cell surface protein expressed by <i>Peptostreptococcus magnus</i> , that binds to the variable light chains (kappa chains) 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. HRP-Protein L is produced by covalently linking HRP to protein L. The complex can be used in immuno-detection such as immunoblotting (western or dot blot), ELISA, and immunohistochemistry.

Application Details

Application Notes:	The ideal working concentrations for each specific application should be determined by titration
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Application Details

assay. Appropriate concentrations will be affected by several factors including primary antibody, antigen amount, sensitivity of detection method, temperature, and incubation time. The following dilution ranges are recommended starting points: Dot blot: 1:2,000-1:20,000 Western blot: 1:2,000-1:20,000 ELISA: 1:20,000-1:200,000 Other applications: user-optimized

Restrictions: For Research Use only

Handling

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:	4 °C
Storage Comment:	The reagent may be stored at 4°C for short periods of up to one-month. For longer periods, aliquot and store at the reagent at -20°C for longer storage. Avoid repeated freeze/thaw cycles. If slight precipitation occurs upon prolonged storage, clarify the solution by centrifugation before use.