

## Datasheet for ABIN3041815

### Protein G Protein (Biotin)



[Go to Product page](#)

#### Overview

Quantity:	1 mL
Target:	Protein G
Origin:	Streptococcus
Source:	Streptococcus sp.
Protein Type:	Native
Purification tag / Conjugate:	This Protein G protein is labelled with Biotin.
Application:	ELISA, Western Blotting (WB), Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunocytochemistry (ICC)

#### Product Details

Characteristics:	Protein G is widely used as an affinity-based ligand for the purification of IgG, it can bind to all IgG subfamily from human, mouse and rat. Streptococcal protein G also has been used extensively for the purification of antibodies using the interaction of the Fc region with protein G. Many antibodies interact with protein G through a low-affinity binding site for the Fab region.
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#### Target Details

Target:	Protein G
Abstract:	<a href="#">Protein G Products</a>
Background:	Protein G is widely used as an affinity-based ligand for the purification of IgG, it can bind to all IgG subfamily from human, mouse and rat. Streptococcal protein G also has been used extensively for the purification of antibodies using the interaction of the Fc region with protein G. Many antibodies interact with protein G through a low-affinity binding site for the Fab region.

Application Details

Application Notes:	This protein must be used with various kinds of enzymes or fluorescence conjugated avidin (streptavidin) in IHC, ICC, WB and ELISA.  Western blot(DAB) 2.5-5 µg/mL  Western blot(ECM) 0.1-0.3 µg/mL  Immunohistochemistry(Paraffin-embedded Section) 5-10 µg/mL  Immunohistochemistry(Frozen Section) 5-10 µg/mL  Immunocytochemistry 5-10 µg/mL  ELISA 0.05-0.2 µg/mL
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Restrictions:	For Research Use only
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Handling

Format:	Liquid
Concentration:	1 mg/mL
Storage:	4 °C
Storage Comment:	At 4°C for one year.
Expiry Date:	12 months