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Datasheet for ABIN3041815
Protein G Protein (Biotin)

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.

Target Details

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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|

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Storage: 4 °C

Storage Comment: At 4°C for one year.

Expiry Date: 12 months