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Datasheet for ABIN106214  
**anti-Protein G antibody**

### Overview

Quantity:	100 µg
Target:	Protein G
Reactivity:	Streptococcus
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Protein G antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Immunohistochemistry (IHC)

### Product Details

Immunogen:	Protein G [Streptococcus species] Immunogen Type: Native Protein
Isotype:	IgG
Cross-Reactivity (Details):	Cross reactivity occurs against Protein A.
Purity:	Anti-PROTEIN G is an IgG fraction antibody purified from monospecific antiserum by a multi-step process which includes delipidation, salt fractionation and ion exchange chromatography followed by extensive dialysis against the buffer stated above. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Rabbit Serum as well as purified and partially purified Protein G.
Endotoxin Level:	Low Endotoxin : No

## Target Details

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Target: Protein G

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Abstract: [Protein G Products](#)

## Application Details

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Application Notes: Anti-PROTEIN G is suitable for immunomicroscopy and flow cytometry or FACS analysis as well as other antibody based fluorescent assays requiring lot-to-lot consistency.

ELISA Dilution: 1:20.000 - 1:100.000

Western Blot Dilution: 1:2.000 - 1:10.000

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Restrictions: For Research Use only

## Handling

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Format: Liquid

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Buffer: 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2

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Handling Advice: Store the vial at -20°C or below after dilution. Avoid cycles of freezing and thawing.

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Storage: -20 °C

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Storage Comment: Store vial at -20 °C or below prior to opening. This vial contains a relatively low volume of reagent (25 µL). To minimize loss of volume dilute 1:10 by adding 225 µL of the buffer stated above directly to the vial. Recap, mix thoroughly and briefly centrifuge to collect the volume at the bottom of the vial. Use this intermediate dilution when calculating final dilutions as recommended below.

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Expiry Date: Expiration date is one (1) year from date of opening.