



[Go to Product page](#)

Datasheet for ABIN5596972
anti-Protein G antibody (Biotin)

Overview

Quantity:	100 µg
Target:	Protein G
Reactivity:	Streptococcus
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Protein G antibody is conjugated to Biotin
Application:	ELISA

Product Details

Immunogen:	Immunogen: Protein G [Streptococcus species] Immunogen Type: Native Protein
Isotype:	IgG
Cross-Reactivity (Details):	Cross reactivity against Protein G from other sources may occur but have not been specifically determined.
Purification:	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-Biotin, anti-Rabbit Serum as well as purified and partially purified Protein G [Streptococcus species].

Target Details

Target: Protein G

Abstract: [Protein G Products](#)

Background: Synonyms: BAC, Protein G Biotin, Anti-Protein G BAC Antibody
Background: Biotin is widely used throughout the biotechnology industry to conjugate proteins for biochemical assays. Biotin's small size typically does not affect the biological activity of protein upon biotinylation. Biotinylated proteins of interest can be enriched from a sample due to highly stable interactions. Biotin conjugated anti-Protein G antibodies are used as an amplifying reagent in immunohistochemistry, microarray assays, ELISAs, blots, and other applications.

Application Details

Application Notes: Application Note: Anti-Protein G Biotin Conjugated Antibody has been assayed against 1.0 µg of Protein G in a standard capture ELISA using Peroxidase Conjugated Streptavidin #S000-03 and ABTS (2,2'-azino-bis-[3-ethylbenthiiazoline-6-sulfonic acid]) code # ABTS-100 as a substrate for 30 minutes at room temperature. A working dilution of 1:90,000 to 1:350,000 of the reconstitution concentration is suggested for this product.
ELISA Dilution: 1:90,000-1:350,000

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Reconstitution Volume: 100 µL
Reconstitution Buffer: Restore with deionized water (or equivalent)

Concentration: 1.0 mg/mL

Buffer: Buffer: 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Stabilizer: 10 mg/mL Bovine Serum Albumin (BSA) - Immunoglobulin and Protease free

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,-20 °C

Storage Comment: Store vial at 4° C prior to restoration. For extended storage aliquot contents and freeze at -20° C

Handling

or below. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.

Expiry Date: 12 months