

Anti-PROTEIN G (RABBIT) Antibody

Protein G Antibody Catalog # ASR4371

Specification

Anti-PROTEIN G (RABBIT) Antibody - Product Information

Host Rabbit

Conjugate
Clonality
Application

Unconjugated
Polyclonal
WB, IHC, E, I, LCI

Application Note Anti-Protein G is suitable for

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immunomicroscopy and flow cytometry or FACS analysis as well as other antibody based fluorescent assays requiring

lot-to-lot consistency.

Physical State Lyophilized

Buffer 0.02 M Potassium Phosphate, 0.15 M

Sodium Chloride, pH 7.2

Immunogen Protein G [Streptococcus species]

Reconstitution Volume 100 µL

Reconstitution Buffer Restore with deionized water (or

equivalent)

Preservative 0.01% (w/v) Sodium Azide

Anti-PROTEIN G (RABBIT) Antibody - Additional Information

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. No cross reactivity occurs against Protein A.

Storage Condition

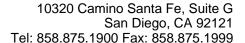
Store vial at 4° C prior to restoration. For extended storage aliquot contents and freeze at -20° C or below. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.

Precautions Note

This product is for research use only and is not intended for therapeutic or diagnostic applications.

Anti-PROTEIN G (RABBIT) Antibody - Protein Information

Anti-PROTEIN G (RABBIT) Antibody - Protocols





Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- <u>Immunofluorescence</u>
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Anti-PROTEIN G (RABBIT) Antibody - Images

Anti-PROTEIN G (RABBIT) Antibody - Background

Protein G is a protein that has the property of binging to immunoglobulins. It is a 65-kDa cell surface protein that is commonly used for purifying antibodies through binding to the Fab and Fc regions.

Protein G was originally isolated from Streptococcal bacteria. It is similar in properties to Protein A but has unique IgG binding specificities. Native protein G also binds albumin, however Rockland uses recombinant forms of Protein G that only bind to immunoglobulins.