

Anti-PROTEIN A (GOAT) Antibody Peroxidase Conjugated (BULK ORDER)
Protein A Antibody Peroxidase Conjugated
Catalog # ASR4104**Specification****Anti-PROTEIN A (GOAT) Antibody Peroxidase Conjugated (BULK ORDER) - Product Information**

Host	Goat
Conjugate	Peroxidase (Horseradish)
Clonality	Polyclonal
Application	WB, IHC, E, I, LCI
Application Note	This product has been assayed against 1.0 ug of Protein A [Staphylococcus aureus] in a standard capture ELISA using ABTS (2,2'-azino-bis-[3-ethylbenthiazoline-6-sulfonic acid]) code # ABTS-100 as a substrate for 30 minutes at room temperature. A working dilution of 1:10,000 to 1:40,000 is suggested for this product.
Physical State	Lyophilized
Buffer	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Immunogen	Protein A [Staphylococcus aureus]
Reconstitution Volume	2.0 mL
Reconstitution Buffer	Restore with deionized water (or equivalent)
Stabilizer	10 mg/mL Bovine Serum Albumin (BSA) - Immunoglobulin and Protease free
Preservative	0.01% (w/v) Gentamicin Sulfate. Do NOT add Sodium Azide!

Anti-PROTEIN A (GOAT) Antibody Peroxidase Conjugated (BULK ORDER) - Additional Information**Purity**

Anti-Protein A (GOAT) Antibody 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-Peroxidase, anti-Goat Serum as well as purified and partially purified Protein A [Staphylococcus aureus]. Cross reactivity against Protein A from other sources is unknown.

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.

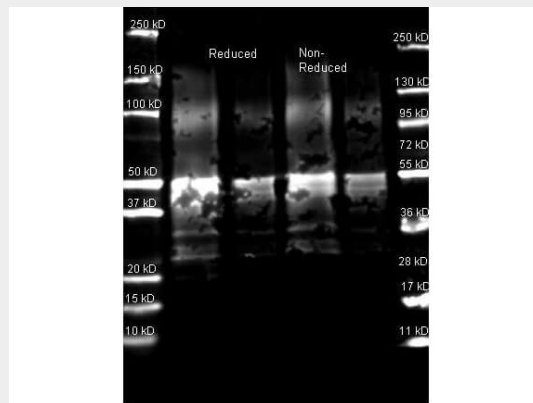
Anti-PROTEIN A (GOAT) Antibody Peroxidase Conjugated (BULK ORDER) - Protein Information

Anti-PROTEIN A (GOAT) Antibody Peroxidase Conjugated (BULK ORDER) - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-PROTEIN A (GOAT) Antibody Peroxidase Conjugated (BULK ORDER) - Images



Western Blot of Goat anti-Protein A Antibody. Lane 1: Protein A Reduced. Lane 2: Protein A Reduced. Lane 3: Protein A Non-Reduced. Lane 4: Protein A Non-Reduced. Load: Lane 1 and 3 - 1.0 μ g per lane, Lane 2 and 4 - 0.25 μ g per lane. Primary antibody: Protein A antibody at 1:5,000 for overnight at 4°C. Secondary antibody: DyLight™ 649 goat secondary antibody at 1:10,000 for 90 min at RT. Block: 5% BLOTTO overnight at 4°C. Predicted/Observed size: ~50 kDa for Protein A. Other band(s): Protein A splice variants and isoforms.

Anti-PROTEIN A (GOAT) Antibody Peroxidase Conjugated (BULK ORDER) - Background

Protein A is 56 kDa surface protein found in the cell wall of *Staphylococcus aureus*. Protein A has a high affinity to Human IgG, Mouse IgG and others and is therefore suitable for purification and detection of immunoglobulins.

Horse Radish Peroxidase (HRP) is an enzyme that utilize organic peroxide compounds as electron donors. Naturally provides protection for plants against pathogens, but can be utilized in molecular biology to convert various substrates to detectable compounds (such as in Western Blotting and ELISAs).

Anti-Protein A (GOAT) Antibody is ideal for researchers in Immunology, Cancer, and Microbiology.