

Anti-PROTEIN A (GOAT) Antibody
Protein A Antibody
Catalog # ASR3904**Specification**

Anti-PROTEIN A (GOAT) Antibody - Product Information

Host	Goat
Conjugate	Unconjugated
Clonality	Polyclonal
Application	WB, E, IP, I, LCI
Application Note	Anti-Protein A Antibody has been tested by western blot and is suitable for immunoprecipitation, immunodiffusion, conjugation and most immunological methods requiring high titer and specificity. Optimal concentration in immunoassays should be determined by the researcher.
Physical State	Liquid (sterile filtered)
Buffer	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Immunogen	Protein A [Staphylococcus aureus]
Preservative	0.01% (w/v) Sodium Azide

Anti-PROTEIN A (GOAT) Antibody - Additional Information**Purity**

Protein A 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 purified and partially purified Protein A [Staphylococcus aureus] and anti-Goat Serum. Cross reactivity against Protein A from other sources is unknown.

Storage Condition

Store vial at -20° C prior to opening. Aliquot contents and freeze at -20° C or below for extended storage. 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 - Protein Information**Anti-PROTEIN A (GOAT) Antibody - 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 - Images

Anti-PROTEIN A (GOAT) Antibody - Background

Anti-Protein A Antibody detects Protein A. Protein A is a 56 kDa surface protein originally found in the cell wall of the bacterium *Staphylococcus aureus* encoded by the *spa* gene. Protein A is an efficient binding protein to the immunoglobulins and is used in biochemical research because of its ability to bind. Protein A binds with high affinity to human IgG1 and IgG2 as well as mouse IgG2a and IgG2b. Protein A binds with moderate affinity to human IgM, IgA and IgE as well as to mouse IgG3 and IgG1. It does not react with human IgG3 or IgD, nor will it react to mouse IgM, IgA or IgE. Protein A is commonly used in bioprocessing and bioseparations.