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#### **TECHNICAL DATA SHEET 824**

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# Anti-Albumin (human serum) in rabbit, IgG fraction

#### **Description**

Polysciences' anti-Albumin (human serum) in rabbit, IgG fraction, reacts with all forms of human serum albumin and will cross-react with most mammalian albumins. This polyclonal antibody efficiently precipitates protein and can be used in a variety of detection and capture techniques. From hen egg white showing a 45 kDa band under non-reducing and reducing conditions of SDS-PAGE. This antibody is suitable for immunoblotting (western or dot blot), ELISA, immunoprecipitation, conjugation and most immunological methods requiring high titer and specificity.

#### **Characteristics**

Physical State: Lyophilized

Antibody Concentration: 10.0 mg/ml (by UV absorbance at 280nm)

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

Stabilizer: None

Preservative: 0.01% (w/v) Sodium Azide Immunogen: Albumin (Human Serum)

#### Recommended Dilution(s)

This product has been assayed against 1.0 mg of Albumin (Human Serum) in a standard sandwich ELISA using Peroxidase conjugated Affinity Purified anti-Rabbit IgG [H&L] (Goat) and ABTS (2,2'-azino-bis-[3-ethylbenthiazoline-6-sulfonic acid]) as a substrate for 30 minutes at room temperature. A working dilution of 1:30,000 to 1:140,000 of the reconstituted concentration is suggested for this product. The researcher should determine optimal titers for other applications.

## **Purity and Specificity**

This product 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 Albumin (Human Serum). Cross reactivity against Albumins from other species may occur, but have not been specifically determined.

## Storage and Stability

Store at 4°C prior to restoration. Restore with 0.5ml of deionized water (or equivalent). 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. For extended storage, aliquot contents and freeze at -20°C or below. Avoid cycles of freezing and thawing. Expiration date is one (1) year from date of restoration.

This product is for research use only and is not intended for use in humans or for in vitro diagnostic use.

## Ordering Information

Cat. NumberDescriptionSize23716-5Anti-Albumin (human serum) in rabbit, IgG Fraction5mg

To Order

In The U.S. Call: 1-800-523-2575 • 215-343-6484 In Germany Call: (49) 6221-765767 In The U.S. FAX: 1-800-343-3291 • 215-343-0214 In Germany FAX: (49) 6221-764620

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