

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-ethylbenthiiazoline-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. Number	Description	Size
23716-5	Anti-Albumin (human serum) in rabbit, IgG Fraction	5mg

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

Order online anytime at www.polysciences.com.