

Polyclonal Antibody to Sheep IgG (Fc) -Biotin-

Catalog No.:	R1381B
Quantity:	0.5 mg
Concentration:	0.5 mg/ml
Host:	Rabbit
Immunogen:	Sheep IgG F(c) fragment.
Format:	<p>State: Lyophilized purified Ig fraction.</p> <p>Purification: Immunoaffinity chromatography.</p> <p>Buffer System: 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2 with 0.01% (w/v) Sodium Azide as preservative and 10 mg/ml Bovine Serum Albumin (BSA) as stabilizer.</p> <p>Label: Biotin – Biotinamidocaproate N-Hydroxysuccinimide Ester (BAC)</p> <p><i>Molar Ratio:</i> 10-20 BAC molecules per Rabbit IgG molecule.</p> <p>Reconstitution: Restore with 0.5 ml of deionized water (or equivalent).</p>
Applications:	<p>Suitable for Immunoblotting, ELISA, Immunohistochemistry, Immuno-microscopy as well as other antibody based assays using streptavidin or avidin conjugates requiring lot-to-lot consistency.</p> <p><u>Recommended Dilutions:</u> This product has been assayed against 1.0 µg of Sheep IgG in a standard capture ELISA using Peroxidase Conjugated Streptavidin and ABTS (2,2'-azino-bis-[3-ethylbenzthiazoline-6-sulfonic acid]) as a substrate for 30 minutes at room temperature.</p> <p>A working dilution of 1:6,000 to 1:30,000 of the reconstitution concentration is suggested for this product.</p> <p>Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.</p>
Specificity:	<p>This product was prepared from monospecific antiserum by immunoaffinity chromatography using Sheep IgG coupled to agarose beads followed by solid phase adsorption(s) to remove any unwanted reactivities.</p> <p>Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-biotin, anti-Rabbit Serum, Sheep IgG, Sheep IgG F(c) and Sheep Serum.</p> <p>No reaction was observed against Sheep IgG F(ab')₂ or Human Serum Proteins.</p>
Storage:	<p>Store vial at 4°C prior to restoration. For extended storage reconstitute product with 50% glycerol instead of water and then aliquot contents and freeze at -20°C or below.</p> <p>Centrifuge product if not completely clear after standing at room temperature.</p> <p>This antibody is stable for one month at 4°C as an undiluted liquid.</p> <p>Dilute only prior to immediate use.</p> <p>Avoid cycles of freezing and thawing.</p> <p>Shelf life: One year from despatch.</p>

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Material Safety Datasheets are available at www.acris-antibodies.com or on request.

Antibody Hotline - Technical Questions - Antibody Location Service
Free Call: 0800-2274746 (Germany only) - www.acris-antibodies.com

General References: 1. Bayer & Wilchek Methods in Enzymology 184; 138-160, 1990.

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