

F(ab')₂ Fragment of Rabbit anti-Goat IgG [H&L] -Biotin-

Alternate names:	Goat Immunoglobulin G
Catalog No.:	R1392B
Quantity:	0.5 mg
Concentration:	1.0 mg/ml (by UV absorbance at 280 nm)
Host:	Rabbit
Immunogen:	Goat IgG whole molecule.
Format:	State: Lyophilized F(ab') ₂ fragments. Purification: Immunoaffinity chromatography. Buffer System: 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2 with 10 mg/ml Bovine Serum Albumin (BSA) IgG and Protease free as stabilizer and 0.05% (w/v) Sodium Azide as preservative. Label: Biotin – Biotinamidocaproate N-Hydroxysuccinimide Ester (BAC) <i>Molar Ratio:</i> 10-20 BAC molecules per Rabbit IgG Fab molecule. Reconstitution: Restore with 0.5 ml of deionized water (or equivalent).
Applications:	Suitable for Immunoblotting, ELISA, Immunohistochemistry, Immunomicroscopy as well as other antibody based assays using streptavidin or avidin conjugates requiring lot-to-lot consistency. Recommended Dilutions: This product has been assayed against 1.0 ug of Goat IgG in a standard capture ELISA using Peroxidase Conjugated Streptavidin and ABTS (2,2'-azino-bis-[3-ethylbenthiazoline-6-sulfonic acid]) as a substrate for 30 minutes at room temperature. A working dilution of 1:40,000 to 1:200,000 is suggested for this product. The following general recommendations are suggested as starting dilutions for: Immunoblotting: 1:10,000, Enzyme Immunohisto-chemistry on tissue sections: 1:500-1:5,000. Flow cytometry and fluorescence Immunohisto/cytochemistry: 1:200-1:1,000. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This product was prepared from monospecific antiserum by immunoaffinity chromatography using Goat IgG coupled to agarose beads followed by solid phase adsorption(s) to remove any unwanted reactivities. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-biotin, anti-Rabbit Serum, Goat IgG and Goat Serum. No reaction was observed against Human Serum Proteins.

For research and in vitro use only. Not for diagnostic or therapeutic work.

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

Storage:

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.
Centrifuge product if not completely clear after standing at room temperature.
This antibody is stable for one month at 4°C as an undiluted liquid.
Dilute only prior to immediate use.
Avoid cycles of freezing and thawing.
Shelf life: One year from despatch.

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

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