Product Information

Catalog Number:	305-066-047
Product:	Biotin-SP-AffiniPure F(ab')2 Fragment Rabbit Anti-Goat IgG, F(ab')2 Fragment Specific (minimal cross-reaction to Human Serum Proteins)
Physical State:	Freeze-dried solid
Size:	0.5 ml
Antibody Concentration:	1.4 - 1.9 mg/ml (exact concentration lot dependent)
Conjugation:	Biotin
Suggested Dilution Range:	1:20.000 - 1:400.000 for ELISA and Western blotting using enzyme-conjugated streptavidin 1:500 - 1:5.000 for enzyme immunohisto/cytochemistry 1:200 - 1:1.000 for flow cytometry and fluorescence immunohisto/cytochemistry
Buffer:	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6
Stabilizer:	15 mg/ml Bovine Serum Albumin (IgG-Free, Protease-Free)
Preservative:	0.05% Sodium Azide
Purity:	The antibody was purified from antisera by a combination of pepsin digestion and immunoaffinity chromatography using antigens coupled to agarose beads. Fc fragments and whole IgG molecules have been removed.
Antibody Specificity:	Based on immunoelectrophoresis and/or ELISA, the antibody reacts with the F(ab')2/Fab portion of goat IgG. It also reacts with the light chains of other goat immunoglobulins. No antibody was detected against the Fc portion of goat IgG or against non-immunoglobulin serum proteins. The antibody has been tested by ELISA and/or solid phase adsorbed to ensure minimal cross-reaction with human serum proteins, but it may cross-react with immunoglobulins from other species.
Reconstitution and Storage:	Store freeze-dried powder at 2-8°C. When ready to use, rehydrate with 0.5 ml dH2O and centrifuge if not clear. Product is stable for about 6 weeks at 2-8°C as an undiluted liquid. Prepare working dilution fresh each day. For extended storage after rehydration, aliquot and freeze at -70°C or below. Avoid repeated freezing and thawing. Alternatively, add an equal volume of glycerol (ACS grade or better) for a final concentration of 50%, and store at -20°C as a liquid. Note: adding glycerol reduces the stated protein concentration and dilution range by one-half. Expiration date:one year from date of rehydration. The expiration date may be extended if test results are acceptable for the intended use.
Safety Information:	Standard Laboratory Practices should be followed when handling this material. The chemical, physical, and toxicological properties of this material have not been thoroughly investigated. The antibody contains 0.05% sodium azide (a poisonous and hazardous substance) as preservative. Although this concentration is not regarded as dangerous to health, appropriate measures should be taken to avoid skin and eye contact, inhalation, and ingestion.

Note: *This information sheet contains general product information only. For detailed lot specific information consult the vial label and the data sheet supplied by the manufacturer upon delivery of the product.*

This product is for In Vitro experimental use only. Not for Therapeutic or Diagnostic use.

Warning: Bovine serum albumin (BSA) and dry milk may contain IgG. Secondary antibodies directed against alpaca, bovine, goat, horse, or sheep react with bovine IgG. Therefore, use of BSA or milk to block or dilute these antibodies may significantly increase background and/or reduce antibody titer. For blocking, normal serum (5% v/v) from the host species of the labeled secondary antibody is recommended.

Manufacturer:

Jackson ImmunoResearch Laboratories, Inc.
872 West Baltimore Pike
West Grove, PA, USA 19390

Distribution and Support:

dianova GmbH
Warburgstraße 45
20354 Hamburg
www.dianova.com

Technical Support:
Phone: 040 45 06 70
Email: info@dianova.de

Ordering Information:
Phone: 040 45 06 70
Fax: 040 45 06 74 90
Email: order@dianova.de

Manufacturer:

Jackson ImmunoResearch Laboratories, Inc.
872 West Baltimore Pike
West Grove, PA, USA 19390

Distribution and Support:

dianova GmbH
Warburgstr. 45
20354 Hamburg
www.dianova.com

Technical Support:
Phone: 040 45 06 70
Email: info@dianova.de

Ordering Information:
Phone: 040 45 06 70
Fax: 040 45 06 74 90
Email: order@dianova.de