Product Information

Catalog Number:	112-035-003
Product:	Peroxidase-AffiniPure Goat Anti-Rat IgG (H+L)
Physical State:	Freeze-dried solid
Size:	2.0 ml
Antibody Concentration:	± 0.8 mg/ml (exact concentration lot dependent)
Conjugation:	Horseradish Peroxidase (HRP)
Suggested Dilution Range:	1:500 - 1:5.000 for immunohisto/cytochemistry 1:5.000 - 1:100.000 for ELISA and Western blotting with chromogenic substrates 1:10.000 - 1:200.000 for Western blotting with ECL substrates
Buffer:	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6
Stabilizer:	15 mg/ml Bovine Serum Albumin (IgG-Free, Protease-Free)
Preservative:	None (Warning: Use of sodium azide as a preservative will substantially inhibit the enzyme activity of horseradish peroxidase.)
Purity:	The antibody was purified from antisera by immunoaffinity chromatography using antigens coupled to agarose beads.
Antibody Specificity:	Based on immunoelectrophoresis and/or ELISA, the antibody reacts with whole molecule rat IgG. It also reacts with the light chains of other rat immunoglobulins. No antibody was detected against non-immunoglobulin serum proteins. The antibody 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 2.0 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. (Warning: Confirm that glycerol is ACS grade or better before adding to this product. Lower grades of glycerol may seriously inhibit peroxidase enzyme activity.)
Safety Information:	This product contains no substances considered to be hazardous to health. Although the product is classified as non-hazardous, Standard Laboratory Practices should be followed when handling this material.

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.

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