Product Information

Catalog Number:	115-035-166
Product:	Peroxidase-AffiniPure Goat Anti-Mouse IgG (H+L) (minimal cross-reaction to Human, Bovine, Horse, Rabbit, and Rat Serum Proteins)
Physical State:	Freeze-dried solid
Size:	0.5 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 mouse IgG. It also reacts with the light chains of other mouse immunoglobulins. No antibody was detected against non immunoglobulin serum proteins. The antibody has been tested by ELISA and/or solid-phase adsorbed to ensure minimal cross-reaction with rat, human, bovine, horse, and rabbit 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. (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.
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