



**GOAT ANTI-MOUSE IgG (H+L)
ALKALINE PHOSPHATASE CONJUGATED
SECONDARY ANTIBODY**

CATALOG NUMBER:	AP308A (formerly Roche 1814214)
LOT NUMBER:	
QUANTITY:	1 mL
CONCENTRATION:	1 mg/mL
DESCRIPTION:	The reagent is an affinity purified antibody from goat. The purified antibody is conjugated to alkaline phosphatase and stabilized in buffer.
SPECIFICITY:	Specific for mouse IgG, heavy and light chain. The cross-reactivities of anti-mouse IgG antibody are tested in an ELISA. Minimum cross-reactivity to human IgG.
PURIFICATION:	The IgG was purified from goat serum by affinity chromatography.
APPLICATIONS:	ELISA: 1:3,000 (1,2) Immunohistochemistry/immunocytochemistry: 1:200-1:500 (3,4) Western Blot, chromogenic: 1:200- 1:500 (1,2) Western Blot, chemiluminescent: 1:2,000-1:5,000 (1) Optimal working dilutions must be determined by the end user.
FORMAT:	Liquid in 0.05M Tris-HCl, 0.1M NaCl, 0.001M MgCl ₂ , pH 8.0 with 15 mg/mL BSA and 0.1% Sodium azide.
STORAGE/HANDLING:	The undiluted antibody is stable at 2° to 8°C for 12 months. Do not store in a diluted format. DO NOT FREEZE.
REFERENCES:	1. Coligan, J. E., Kruisbeek, A.M., Margulies, D.H., Shevach, E.M., and Strober, W. (1997) <i>Current Protocols in Immunology</i>. John Wiley & Sons, New York. 2. Harlow, E. and Lane, D. (1988) <i>Antibodies, A Laboratory Manual</i>. Cold Spring Harbor. 3. Bullock, G.R. and Petrusz, P. (1982) <i>Techniques in Immunocytochemistry</i>, Volume 1. Academic Press, London. 4. Javois, L.C. (1994) <i>Immunocytochemical Methods and Protocols</i>. Humana Press, New Jersey.

Important Note: During shipment, small volumes of product will occasionally become entrapped in the seal of the product vial. For products with volumes of 200 µL or less, we recommend gently tapping the vial on a hard surface or briefly centrifuging the vial in a tabletop centrifuge to dislodge any liquid in the container's cap.

For research use only; not for use as a diagnostic.

Unless otherwise stated in our catalog or other company documentation accompanying the product(s), our products are intended for research use only and are not to be used for any other purpose, which includes but is not limited to, unauthorized commercial uses, in vitro diagnostic uses, ex vivo or in vivo therapeutic uses or any type of consumption or application to humans or animals.

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