



## CERTIFICATE OF ANALYSIS

Product **BIOTINYLATED ANTI-MOUSE IgG (H+L)**  
**\*\*AFFINITY PURIFIED\*\* \*RAT ADSORBED\***

Catalog No. BA-2001

Amount 0.5 mg biotinylated IgG

Concentration 0.5 mg/ml

Lot No. ZG0129

Produced in horse

Solution 10 mM phosphate, pH 7.8, 0.15 M NaCl, 0.08% sodium azide.  
Immunohistochemical grade bovine serum albumin has been added for stabilization.

Storage Refrigerate; for long-term storage, aliquots may be stored frozen.

Immunoglobulin biotinylated 100%

Antibody Activity after biotinylation (by solid phase IgG binding assay) 89%

Solid-phase enzyme immunoassay of cross-reactivity:

<u>Protein</u>	<u>Percent Cross-reactivity</u>
mouse IgM	25%
dog IgG, guinea pig IgG, rat IgM, swine IgG	1%
bovine IgG, bovine IgM, cat IgG, chicken IgG, dog IgM, goat IgG, goat IgM, hamster IgG, human IgG, human IgM, rabbit IgG, rabbit IgM, rat IgG, Rhesus monkey IgG, sheep IgG, sheep IgM, swine IgM	<1%

If this biotinylated antibody is to be used in tissues, which may contain cross-reacting endogenous immunoglobulins, dilution of this biotinylated antibody may be made in buffers containing 2% normal serum from the same species as the tissue.

The recommended concentration range for use is 2-10  $\mu\text{g/ml}$ .

Vector Laboratories, Inc., 30 Ingold Road, Burlingame, CA 94010 U.S.A.

Tel: (650)697-3600 • Fax: (650)697-0339 • Email: [vector@vectorlabs.com](mailto:vector@vectorlabs.com) • Web: [www.vectorlabs.com](http://www.vectorlabs.com)