



CERTIFICATE OF ANALYSIS

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

Catalog No. BA-4001

Amount 0.5 mg active biotinylated IgG

Concentration 0.5 mg/ml

Lot No. Y0809

Produced in rabbit

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 99%

Antibody activity after biotinylation 89%

Solid-phase enzyme immunoassay of cross-reactivity:

<u>Protein</u>	<u>Percent Cross-reactivity</u>
hamster IgG	25%
rat IgM	12%
bovine IgG, bovine IgM, cat IgG, chicken IgG, dog IgG, dog IgM, guinea pig IgG, horse IgG, human IgG, human IgM, mouse IgG, mouse IgM, rabbit IgG, rabbit IgM, Rhesus monkey IgG, sheep IgG, sheep IgM, swine IgG, 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 μ g/ml.