



CERTIFICATE OF ANALYSIS

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

Catalog No. BA-9200

Amount 1.5 mg biotinylated IgG

Concentration 1.5 mg/ml

Lot No. ZD0801

Produced in goat*

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 (by solid phase IgG binding assay) 95%

Solid-phase enzyme immunoassay of cross-reactivity:

<u>Protein</u>	<u>Percent Cross-reactivity</u>
mouse IgM	50%
hamster IgG, rat IgG, rat IgM	12%
Rhesus monkey IgG, swine IgG	6%
guinea pig IgG, swine IgM	1%
bovine IgG, bovine IgM, cat IgG, chicken IgG, dog IgG, dog IgM, horse IgG, human IgG, human IgM, rabbit IgG, rabbit IgM, sheep IgG, sheep 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 $\mu\text{g/ml}$.

***NOTE: THIS PRODUCT IS NOT THE SAME AS THAT CONTAINED IN THE VECTASTAIN[®] ABC KITS FOR THE DETECTION OF MOUSE IgG.**