



## CERTIFICATE OF ANALYSIS

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

Catalog BA-2000

Amount 1.5 mg biotinylated IgG

Concentration 1.5 mg/ml

Lot No. ZA0409

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 99%

Antibody Activity after biotinylation (by solid phase IgG binding assay) 93%

Solid-phase enzyme immunoassay of cross-reactivity:

<u>Protein</u>	<u>Percent Cross-reactivity</u>
mouse IgM	50%
hamster IgG, rat IgG	12%
rat IgM	6%
dog IgG, guinea pig IgG, swine IgG	3%
Rhesus monkey IgG	1%
bovine IgG, bovine IgM, cat IgG, chicken IgG, dog IgM, goat IgG, goat IgM, human IgG, human IgM, rabbit IgG, rabbit IgM, 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.

\* This product is at the same concentration as that provided in the VECTASTAIN<sup>®</sup> ABC kits. The recommended concentration range for use is 2-10 µg/ml.

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