



## CERTIFICATE OF ANALYSIS

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

Catalog BA-1100

Amount 1.5 mg biotinylated IgG

Concentration 1.5 mg/ml

Lot No. ZF0314

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) 97%

Solid-phase enzyme immunoassay of cross-reactivity:

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

\* This is not the same antibody as that which is provided in the VECTASTAIN<sup>®</sup> ABC kits. The recommended concentration range for use is 2-10 µg/ml.

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