



CERTIFICATE OF ANALYSIS

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

Catalog AI-2000

Amount 1.5 mg IgG

Concentration 3.0 mg/ml

Lot No. ZG0701

Produced in horse

Solution 10 mM phosphate, pH 7.8, 0.15 M NaCl, 0.08% sodium azide. Sucrose has been added for stabilization.

Storage Refrigerate; for long-term storage, aliquot and store frozen.

Antibody Activity (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%
rat IgG, hamster IgG	12%
dog IgG, guinea pig IgG, swine IgG, rat IgM	3%
Rhesus monkey, bovine IgM, dog IgM	1%
bovine IgG, cat IgG, chicken IgG, goat IgG, human IgG, rabbit IgG, sheep IgG, goat IgM, human IgM, rabbit IgM, swine IgM, sheep IgM,	< 1%

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

The recommended concentration range for use is 5-20 $\mu\text{g/ml}$.