



## CERTIFICATE OF ANALYSIS

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

Catalog No. CI-2000

Amount 1.5 mg active conjugate

Lot No. ZC0321

Produced in horse

Concentration 1.5 mg/ml active conjugate

Solution 10 mM HEPES, 0.15 M NaCl, pH 7.5, 0.08% sodium azide.

Free-Fluorochrome None

F/P (molar) 2.8

Storage Conditions Refrigerate in the dark

Antibody Activity (by solid phase IgG binding assay) 91%

Solid-phase enzyme immunoassay of cross-reactivity:

<u>Protein</u>	<u>Percent Cross-reactivity</u>
mouse IgM	25%
hamster IgG, rat IgG	6%
guinea pig IgG, rat IgM, swine IgG	3%
bovine IgG, dog IgG, Rhesus monkey IgG	1%
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 fluorochrome-labeled 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.

Maximum Excitation @ 345-355 nm

Maximum Emission @ 448-454 nm

The recommended concentration range for use is 5-20 µg/ml.

Vector Laboratories, Inc., 30 Ingold Road, Burlingame, CA 94010 U.S.A.

Tel: (650)697-3600 • Fax: (650)697-0339 • Email: [vector@vectorlabs.com](mailto:vector@vectorlabs.com) • Web: [www.vectorlabs.com](http://www.vectorlabs.com)