



CERTIFICATE OF ANALYSIS

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

Catalog No. TI-2000

Amount 1.5 mg active conjugate

Lot No. X1013

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) 3*

Maximum Excitation @ 595-604 nm

Maximum Emission @ 606-615 nm

Storage Conditions Refrigerate in the dark.

Antibody Activity (by solid phase IgG binding assay) 96%

Solid-phase enzyme immunoassay of cross-reactivity:

<u>Protein</u>	<u>Percent Cross-reactivity</u>
mouse IgM	25%
hamster IgG, rat IgG	6%
bovine IgG, dog IgG, guinea pig IgG, Rhesus monkey IgG, swine IgG	3%
dog IgM, rat IgM, swine IgM	1%
bovine IgM, cat IgG, chicken IgG, goat IgG, goat IgM, guinea pig IgM, human IgG, human IgM, rabbit IgG, rabbit IgM, sheep IgG, sheep IgM	<1%

If this fluorochrome 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 µg/ml.

*J. Immunological Methods 50, 193 (1982)

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