



## CERTIFICATE OF ANALYSIS

Product ANTI-HUMAN IgM (Mu-Chain Specific)  
\*\*AFFINITY PURIFIED\*\*

Catalog AI-3020

Amount 0.5 mg IgG

Lot No. W0509

Produced in goat

Solution Reconstitute by adding 0.5 ml water. The resulting solution will have the following composition: 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) 91%

Solid-phase enzyme immunoassay of cross-reactivity:

<u>Protein</u>	<u>Percent Cross-reactivity</u>
dog IgM, mouse IgM	12%
bovine IgG, bovine IgM, cat IgG, chicken IgG, dog IgG, guinea pig IgG, guinea pig IgM, hamster IgG, hamster IgM, horse IgG, human IgA, human IgE, human IgG, mouse IgG, rabbit IgG, rabbit IgM, rat IgG, Rhesus monkey IgG, sheep IgG, swine IgG	<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  $\mu$ g/ml.