



CERTIFICATE OF ANALYSIS

Product **RAT IgG**

Catalog I-4000

Amount 1 mg (protein)*

Lot No. X0920

Storage Refrigerate; for long-term storage, aliquots may be stored frozen.

Purity SDS-PAGE shows two bands corresponding to heavy and light chains.

*Reconstitute by adding 1 ml water. The resulting solution will have the following composition: 10 mM phosphate, 0.15 M NaCl, pH 7.8, 0.08% sodium azide. Sucrose has been added for stabilization.

ALLOW THE PROTEIN TO DISSOLVE WITHOUT VIGOROUS AGITATION.

The product is intended for use as a negative control for primary antibodies made in rat.

This IgG preparation is most effective when used between 0.1 µg/ml and 1.0 µg/ml but can and should be diluted below this range to match the concentration of the diluted primary antibody.

Some nonspecific staining may occur at higher concentrations depending on the tissue type and fixation method. Background can be reduced by diluting this product in buffer containing 1%-2% normal horse serum.