



MP Biomedicals, LLC

29525 Fountain Parkway  
Solon, Ohio 44139

Telephone: 440/337-1200  
Toll Free: 800/854-0530  
Fax: 440/337-1180  
web: <http://www.mpbio.com>

## Certificate of Analysis

cappel

**RABBIT IGG FRACTION TO  
RAT ALBUMIN - 2ML**  
Catalog #: 55728  
Lot #: 05937

Total Protein: 16.1 mg/ml  
Antibody Protein: 5 mg/ml

### DESCRIPTION:

Product is the lyophilized powder of rabbit IgG fraction to rat albumin and buffer salts.

The IgG fraction is prepared from the specific rabbit antiserum by delipidation, ammonium sulfate fractionation and anion exchange chromatography. The resulting IgG fraction is dialyzed into 0.02M sodium phosphate, 0.14M sodium chloride, pH 7.3, 0.05% sodium azide, adjusted to standard titer, filtered through a 0.22 µm filter, vialled and lyophilized.

### USES:

This product is suitable for use as a precipitating antibody. It gives sharp precipitin lines in immunoelectrophoresis and immunodiffusion techniques.

This product is suitable for conjugation with enzymes, radiolabels, fluorochromes or other markers, and for attachment to solid supports for use as an immunoabsorbant.

This product is suitable for use as a primary reagent in enzyme immunoassays, fluorescein immunoassays and blot, cell or tissue immunostaining. See **Related Product Ordering Information**.

### SUGGESTED WORKING DILUTIONS:

1:50 - 1:200 for Tissue Staining  
1:100 - 1:500 for Immunoblotting  
1:400 - 2,000 for Elisa

**It is recommended that each lab obtain their own optimal working dilution for each assay**

### SPECIFICATIONS:

The total protein is measured using the Biuret procedure, with bovine albumin as a standard. Antibody titer is standardized to an in-house standard by equivalence-point precipitation. Each IgG fraction is tested for purity and specificity at a minimum of 40 mg/ml using immunoelectrophoresis. The product is mostly rabbit IgG; no trace of albumin is detected. It shows reactivity to rat albumin; cross-reactivity to other species may exist. Antibody activity to other serum proteins is not present.

### RECONSTITUTION:

Reconstitute product with 2.0 ml of deionized or distilled water. Gentle swirling may be used to speed rehydration. Avoid vigorous shaking of the reconstituted material.

### STORAGE:

Store lyophilized product at 2-8°C. For long term storage, aliquot and store reconstituted product frozen at -20°C or lower.

### WARNING AND CAUTION:

This product is intended **FOR RESEARCH USE ONLY**, not for use in diagnostic or therapeutic procedures involving humans or

animals.

**RELATED PRODUCT ORDERING INFORMATION:**

Catalog #DescriptionSize

55775 HRP RABBIT ANTI-RAT ALBUMIN2ML

55952 PURIFIED RAT ALBUMIN25MG

55711 RABBIT ANTI-RAT ALBUMIN 2ML

**Approved by:** *Robert Beattie*  
Quality Control Director

**TO PLACE AN ORDER IN THE U.S., PLEASE CALL 800-854-0530  
OR TO OBTAIN TECHNICAL ASSISTANCE IN THE U.S., PLEASE CALL 800-279-5490  
OUTSIDE THE U.S., CONTACT YOUR LOCAL DISTRIBUTOR.**