



MP Biomedicals, LLC

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## Certificate of Analysis

cappel

**FLUORESCHEIN-CONJUGATED RABBIT AFFINITY PURIFIED  
ANTIBODY TO CHICKEN IGG (WHOLE MOLECULE) - 2MG**  
Catalog #: 56996  
Lot #: 04827

Total Protein: 1.0 mg/ml  
F/P Ratio: 4.2 mol/mol  
Active Antibody: 1.0 mg/ml

### DESCRIPTION:

Product is fluorescein-5-isothiocyanate (FITC "Isomer I")-conjugated rabbit affinity purified antibody to chicken IgG (whole molecule) and buffer salts.

Antibody and FITC are conjugated under defined conditions to obtain the specified molar ratio (3-6 mol/mol). Conjugated protein is purified by gel filtration. The product is dialyzed into 0.02M sodium phosphate, 0.14M sodium chloride, pH 7.3, with 0.05% sodium azide and 10% glycerol (v/v), adjusted to standard titer, filtered through a 0.22 µm filter, and vialled.

### USES:

This product is suitable for use as a reagent in immunofluorescence assays (IFA), cell staining (fluorescent microscopy and cell sorting), tissue staining, and blot immunostaining. Use of these affinity purified antibodies is recommended to avoid non-specific binding from the inherent antibodies of host animals.

See **Related Product Ordering Information**.

### SPECIFICATIONS:

The total protein is measured by absorbance (A280nm); F/P ratio is calculated using absorbance at 491.5nm. Antibody titer of the affinity purified antibody is standardized by equivalence-point precipitation. The affinity purified antibody is tested for purity at 10 mg/ml using immunoelectrophoresis. The product is rabbit IgG; no trace of albumin is detected. This product shows reactivity to chicken IgG; cross-reactivity to other species may exist. Because the product is directed against whole IgG, some antibodies are expected to bind light chain sites common to all immunoglobulins. Antibody activity to non-immunoglobulin serum proteins is not present.

### STORAGE:

Store unopened product at 2-8°C. Store opened material no longer than 4 weeks at 2-8°C. For long term storage, aliquot and store with 40% glycerol (v/v) at -20°C.

### WARNING AND CAUTION:

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

This product contains sodium azide. To prevent formation of toxic vapors, do not mix with strongly acidic solutions. To prevent formation of potentially explosive metallic azides in metal plumbing, always wash into drain with copious quantities of water.

### RELATED PRODUCT ORDERING INFORMATION:

Catalog #DescriptionSize

55295RABBIT ANTI-CHICKEN IGG (WHOLE MOLECULE)2ML  
55302IGG RABBIT ANTI-CHICKEN IGG (WHOLE MOLECULE)5ML

55307FITC RABBIT ANTI-CHICKEN IGG (WHOLE MOLECULE)2ML  
55308HRP RABBIT ANTI-CHICKEN IGG (WHOLE MOLECULE)2ML  
56997HRP AFF.PUR. RABBIT ANTI-CHICKEN IGG (WM)2ML  
55920PURIFIED CHICKEN IGG20MG  
55990NORMAL RABBIT SERUM2ML

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

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