



**MP Biomedicals, LLC.**

29525 Fountain Parkway  
Solon, Ohio 44139

Telephone: 440/337-1200

Toll Free: 800/854-0530

Fax: 440/337-1180

mailto:biotech@mpbio.com

web: www.mpbio.com

# cappel

**PURIFIED HUMAN IGG FC**

**10MG**

**Catalog #: 55911**

**Lot #: 00819**

Total Protein: 10.16 mg/vial

Volume: 1 ml

## **DESCRIPTION:**

Product is the lyophilized powder of human IgG Fc and buffer salts.

Human IgG Fc is prepared from human IgG by limited digestion with papain, and purified by ion-exchange, gel filtration or affinity chromatography. The product is dialyzed into 0.01M sodium phosphate, 0.07M sodium chloride, pH 7.3, filtered through a 0.22  $\mu$ m filter, vialled and lyophilized. No preservative has been added.

## **SPECIFICATIONS:**

The product is tested for purity at a minimum of 20 mg/ml using immunoelectrophoresis. The product is human IgG Fc; no trace of IgG F(ab')<sub>2</sub>, IgA, IgM or non-immunoglobulin serum proteins is detected.

The total protein is determined using the Biuret procedure, with bovine albumin as the standard. Each vial is overfilled by approximately 10 percent so that a minimum of 10 mg of human IgG Fc is obtained upon reconstitution.

## **RECONSTITUTION:**

Reconstitute product with 2 ml of deionized or distilled water. Gentle swirling may be used to speed rehydration. Avoid vigorous shaking of the reconstituted material.

## **STORAGE:**

Store unopened product at 2-8°C. Store reconstituted material no longer than a few days at 2-8°C unless sodium azide is added. For long-term storage, aliquot and freeze 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.

**All blood products should be treated as potentially infectious. Source material from which this product was derived was found negative when tested in accordance with current FDA required tests. No known test methods can offer assurance that products derived from human blood will not transmit infectious agents.**

## **RELATED PRODUCT ORDERING INFORMATION:**

Catalog #   Description   Size

55095 GOAT ANTI-HUMAN IGG FC 2ML  
55014 IGG GOAT ANTI-HUMAN FC 5ML  
55053 F(AB')<sub>2</sub> GOAT ANTI-HUMAN IGG FC 2ML  
55071 AFF.PUR. GOAT ANTI-HUMAN IGG FC 2MG  
55094 RABBIT ANTI-HUMAN IGG FC 2ML  
55015 IGG RABBIT ANTI-HUMAN IGG FC 5ML  
55151 FITC RABBIT ANTI-HUMAN IGG FC 2ML  
55227 HRP RABBIT ANTI-HUMAN IGG FC 2ML  
55908 PURIFIED HUMAN IGG 50MG  
55909 PURIFIED HUMAN IGG FAB 10MG  
55910 PURIFIED HUMAN IGG F(AB')<sub>2</sub> 10MG

**For other purified proteins, unconjugated antibodies, fluorochrome, enzyme and biotin conjugated antibodies, and peroxidase substrates, please see our catalog.**

  
**Approved by:** Joseph Dietz, Ph.D.  
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.**