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## TECHNICAL INFORMATION

# cappel

Catalog Number: 55939  
**Purified Mouse IgG**

**DESCRIPTION:** Product is the lyophilized powder of mouse IgG and buffer salts.

Mouse IgG is purified from pooled mouse serum using multi-step procedures which may include salt fractionation, gel filtration, ion-exchange chromatography and immunoabsorption. The product is dialyzed into 0.01M sodium phosphate, 0.07M sodium chloride, pH 7.3, filtered through a 0.22 µm filter, vialled and lyophilized.

**USES:** This product is suitable for use as a positive control in antibody identification screening techniques, and is recommended as an ELISA coating antigen and control.

See **Related Product Ordering Information**.

**SPECIFICATIONS:** The product is tested for purity at a minimum of 20 mg/ml using immunoelectrophoresis. The product is mouse IgG; no trace of 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 20 mg of mouse IgG 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.

### RELATED PRODUCT ORDERING INFORMATION:

#### Catalog #DescriptionSize

55435GOAT ANTI-MOUSE IGG (WHOLE MOLECULE) 2ML  
55436RABBIT ANTI-MOUSE IGG (WHOLE MOLECULE)2ML  
55437SHEEP ANTI-MOUSE IGG (WHOLE MOLECULE)2ML  
55452SHEEP ANTI-MOUSE IGG (NO X HUMAN)2ML  
55453GOAT ANTI-MOUSE IGG (NO X RAT)2ML  
55455IGG GOAT ANTI-MOUSE IGG (WHOLE MOLECULE)5ML  
55456IGG RABBIT ANTI-MOUSE IGG (WHOLE MOLECULE) 5ML  
55457IGG SHEEP ANTI-MOUSE IGG (WHOLE MOLECULE) 5ML  
55466IGG SHEEP ANTI-MOUSE IGG (NO X HUMAN)5ML  
55467IGG GOAT ANTI-MOUSE IGG (NO X RAT)5ML  
55468F(AB')2 GOAT ANTI-MOUSE IGG (WHOLE MOLECULE)2ML  
55469F(AB')2 RABBIT ANTI-MOUSE IGG (WHOLE MOLECULE) 2ML  
55475F(AB')2 SHEEP ANTI-MOUSE IGG (NO X HUMAN)2ML  
55476F(AB')2 GOAT ANTI-MOUSE IGG (NO X RAT) 2ML  
55477FAB GOAT ANTI-MOUSE IGG (WHOLE MOLECULE)5ML  
55479AFF.PUR. GOAT ANTI-MOUSE IGG (WHOLE MOLECULE) 2MG  
55480AFF.PUR. RABBIT ANTI-MOUSE IGG (WHOLE MOLECULE)2MG  
55481AFFINITY PURIFIED SHEEP ANTI-MOUSE IGG (WM)2MG  
55485AFF.PUR. SHEEP ANTI-MOUSE IGG (NO X HUMAN) 2MG  
55487AFF.PUR. F(AB')2 GOAT ANTI-MOUSE IGG (WM)2MG  
55488AFF.PUR. F(AB')2 SHEEP ANTI-MOUSE IGG (WM)2MG  
55490AFF.PUR. F(AB')2 SHEEP ANTI-MOUSE IGG (NO X HU)2MG

**Note:** This product may contain a preservative such as sodium azide, thimerosal or proclin. Please see lot specific chemical credential for preservative information.

[If a titer/working dilution is not given above, please click here to see a general dilution chart for working with antibodies. Please note that the general dilution chart should only be used as a guideline. Each lab should determine their own optimal working dilution.](#)

[Will this antibody work with your application? Please click here to see a general chart of antibody applications. Please note that any information given above is primary application data. The general applications charts should only be used as a reference.](#)