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cappel

**PURIFIED MOUSE MYELOMA PROTEIN
IGG1 (KAPPA) MOPC 21 - 1MG**

Catalog #: 50327

Lot #: 00918

Total Protein: 1.1 mg/ml
Volume: 50.0 ml

DESCRIPTION:

Product is purified mouse IgG₁ (K) and buffer.

Mouse IgG₁ (K) is purified from clarified mouse MOPC 21 ascites using multi-step procedures which may include salt fractionation, gel filtration, ion-exchange chromatography, affinity chromatography and immunoabsorption. The product is dialyzed into 0.02M TRIS, 0.15M sodium chloride, pH 8.1, filtered through a 0.22 µm filter and vialled. No preservative has been added.

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 total protein is determined by absorbance at 280nm. The product contains 1 mg of mouse IgG₁.

The product is tested for purity at 1.0 mg/ml using immunoelectrophoresis. The product is mouse IgG₁; no trace of IgG_{2a}, IgG_{2b}, IgG₃, IgA, IgM or non-immunoglobulin serum proteins is detected.

STORAGE:

Store unopened product at -70°C. Store opened material no longer than a few days at 2-8°C unless sodium azide is added. For long-term storage, aliquot and freeze at -70°C.

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 # Description Size

55939 PURIFIED MOUSE IGG 20MG
50227 RABBIT ANTI-MOUSE IGG1 2ML
50260 FITC AFF PUR RABBIT ANTI-MOUSE IGG1 2ML
50282 HRP AFF PUR RABBIT ANTI-MOUSE IGG1 1ML
50341 CLARIFIED MOUSE ASCITES IGG1(j) MOPC 21 5MG
59569 AKP AFF PUR RABBIT ANTI-MOUSE IGG1 (NO X HUMAN) 1ML

Please see our catalog for a complete listing of Cappel purified mouse myeloma proteins and antibodies to mouse immunoglobulins.


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.**