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cappel

PURIFIED MOUSE MYELOMA PROTEIN

IGG2B (KAPPA) MOPC 141 - 1MG

Catalog #: 50331

Lot #: 08180

Total Protein: 1.1

Volume: 1.0 ml

DESCRIPTION:

Product is purified mouse IgG_{2b} (j) and buffer.

Mouse IgG_{2b} is purified from clarified mouse MOPC 141 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 IgG_{2b}.

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

EXPIRATION DATE:

7/31/2023

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.

REFERENCE:

Potter, M. "Immunoglobulin-producing Tumors and Myeloma Proteins of Mice." **Physiol. Rev.** 52: 631-719, 1972.

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
50330 PURIFIED MOUSE MYELOMA IGG2B(j) MOPC 195 1MG
50344 CLARIFIED MOUSE ASCITES IGG2B(j) MOPC 195 5MG
50230 RABBIT ANTI-MOUSE IGG2B 2ML
50262 FITC AFF PUR RABBIT ANTI-MOUSE IGG2B 2ML
59571 AKP AFF PUR RABBIT ANTI-MOUSE IGG2B (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: *John Huang, PhD*
Quality Control Manager

**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.**