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TECHNICAL INFORMATION

Catalog Number: 50331

Purified Mouse Myeloma Protein IgG2B (Kappa) MOPC 141

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.

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.

REFERENCE:

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

RELATED PRODUCT ORDERING INFORMATION:

Catalog #DescriptionSize

55939PURIFIED MOUSE IGG20MG
50330PURIFIED MOUSE MYELOMA IGG2B(j) MOPC 195 1MG
50344CLARIFIED MOUSE ASCITES IGG2B(j) MOPC 1955MG
50230RABBIT ANTI-MOUSE IGG2B2ML
50262FITC AFF PUR RABBIT ANTI-MOUSE IGG2B 2ML
59571AKP AFF PUR RABBIT ANTI-MOUSE IGG2B (NO X HUMAN)1ML

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.](#)