

Product Information

IgG1, Kappa from murine myeloma

Clone Number MOPC 21

purified immunoglobulin

Catalog Number **M9269**

Synonym: Mouse IgG1- κ

Product Description

The MOPC-21 tumor line that produces mouse IgG1- κ is mineral oil-induced plasmacytoma originated and carried intraperitoneally in BALB/c mice. The hapten binding specificity of the MOPC 21 IgG1- κ has not been determined.

Specificity is determined by mouse monoclonal isotyping strips. The purified immunoglobulin preparation is non-reactive with anti mouse IgA, IgM, IgG2a, IgG2b or IgG3.

Identity and purity of the purified immunoglobulin is established by immunoelectrophoresis (IEP). Electrophoresis of the mouse IgG1- κ , followed by diffusion versus anti-mouse whole serum, anti-mouse IgG1 and anti-mouse kappa chain results in single arcs of precipitation.

Reagent

Supplied as a solution in 0.02 M Tris buffered saline, pH 8.0, containing 0.02% sodium azide as a preservative.

Precautions and Disclaimer

This product is for R&D use only, not for drug, household, or other uses. Please consult the Material Safety Data Sheet for information regarding hazards and safe handling practices.

Storage/Stability

Store at -20°C . The product may be stored frozen in working aliquots at -20°C . Repeated freezing and thawing is not recommended.

Product Profile

Each vial contains at least 1 mg of purified myeloma protein.

Protein concentration is 1.0 mg/ml as determined by the absorbance at 280 nm ($E_{280}^{1\%} = 14.0$)

HPLC (gel filtration) analysis of the purified IgG1 κ shows at least 95% purity.

MG,KAA,PHC 05/09-1