

Product Information

IgG1, Kappa from murine myeloma

Clone MOPC 31C

purified immunoglobulin

Catalog Number **M9035**

Product Description

The MOPC-31c tumor line that produces mouse IgG1, Kappa is a mineral oil-induced plasmacytoma originated and carried intraperitoneally in BALB/c mice. The hapten binding specificity of the MOPC 31c IgG1, Kappa is unknown.

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

Purity of the purified immunoglobulin is established by HPLC (gel filtration).

Reagent

The IgG1, Kappa purified from ascites fluid is provided as a solution in 0.02 M Tris buffered saline, pH 8.0, containing 0.02% sodium azide as a preservative.

Precautions/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

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

Product Profile

Each vial contains at least 1mg of purified myeloma protein. Protein concentration is 0.9-1.1 mg/ml as determined by the absorbance at 280 nm ($E_{280}^{1\%} = 14$).

Purity (gel filtration, HPLC). ≥95%

Polyacrylamide gel electrophoresis (PAGE) analysis shows two bands of protein (under reduced conditions), when stained using Reactive Blue R (Coomassie Blue).

DS,KAA,PHC 10/14-1