

Product Information

IgG2a, Lambda from murine myeloma clone HOPC-1, purified immunoglobulin

Catalog Number **M6034**

Product Description

The HOPC-1 tumor line that produces mouse IgG2a λ is a mineral oil-induced plasmacytoma originated and carried subcutaneously in BALB/c mice. The hapten binding specificity of the HOPC-1 line is unknown.

Identity of the mouse IgG2a, λ is determined by Ouchterlony Double Diffusion (ODD). The purified immunoglobulin preparation is non-reactive with antisera to mouse IgA, IgM, IgG1, IgG2b, and IgG3.

Identity and purity of the antibody is established by immunoelectrophoresis (IEP). Electrophoresis of the purified immunoglobulin followed by diffusion versus anti-mouse whole serum, anti-mouse IgG2a and anti-mouse lambda 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

The product may be stored frozen in working aliquots. Repeated freezing and thawing is not recommended

Product Profile

Each vial contains at least 1 mg of purified myeloma protein as determined by the absorbance at 280 nm ($E_{280}^{1\%} = 14.0$).

Purity: $\geq 95\%$ (HPLC)

DS,PHC 04/15-1