

Product Information

IgA, Kappa from murine myeloma

Clone TEPC 15

purified immunoglobulin

Catalog Number **M1421**

Product Description

The TEPC 15 tumor line that produces mouse IgA, κ is pristane-induced plasmacytoma originated and carried intraperitoneally in BALB/c mice. The hapten binding specificity of the TEPC 15 line is for phosphoryl choline.

Specificity of the mouse IgA, κ is determined by mouse monoclonal isotyping strips. The purified immunoglobulin preparation is non-reactive with anti-mouse IgM, IgG1, IgG2a, IgG2b, and IgG3.

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

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

Reagent

Provided 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 1mg of purified myeloma protein. Protein concentration is determined by the absorbance at 280 nm ($E_{280}^{1\%} = 14.0$).

MG,KAA,PHC 05/09-1