

Product Information

IgG3, Kappa, from murine myeloma
clone DX, purified immunoglobulin

Catalog Number **I3784**
Storage Temperature **-20 °C**

Product Description

IgG3 (DX) kappa hybridoma cells were grown in serum free tissue culture medium. The IgG3 was purified by a combination of salt fractionation and affinity chromatography. The tumor lines that produce mouse IgG3, kappa are tetramethylpentadecane (pristane)/ascaris-induced plasmacytoma originated. The hapten binding specificity of these tumor cell lines are unknown.

Specificity of the mouse IgG3, Kappa is determined by immunodiffusion and IEP techniques. The purified myeloma preparation is non-reactive with antisera to mouse IgA, IgM, IgD, IgG1, IgG2a, and IgG2b.

Identity and purity is established by immuno-electrophoresis (IEP). Electrophoresis of the purified immunoglobulin, followed by diffusion versus anti-mouse whole serum, anti-mouse IgG3, and anti-mouse kappa chain, results in single arcs of precipitation.

Purity is $\geq 95\%$ by microfluidic capillary gel electrophoresis.

Reagent

Supplied as a solution in Tris buffered saline, pH 7.2, containing 0.1% sodium azide as a preservative.

Each vial contains at least 1 mg of purified myeloma protein. Protein concentration is determined by absorbance at 280 nm.

Precautions

For R&D use only. Not for drug, household, or other uses. Please consult the Safety Data Sheet for information regarding hazards and safe handling practices.

Storage/Stability

Store at $-20\text{ }^{\circ}\text{C}$. For extended use, store frozen in working aliquots. Repeated freezing and thawing is not recommended.

TT,TD,KAA,PHC,MAM 01/19-1