

# Product Information

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## **IgG3, Kappa, from murine myeloma** purified immunoglobulin

Catalog Number **I3784**

Storage Temperature: -20 °C

### **Product Description**

The tumor lines that produce mouse IgG3, Kappa are tetramethylpentadecane (pristane)/ascaris-induced plasmacytoma originated and carried intraperitoneally in BALB/c mice. The hapten binding specificity of these tumor cell lines are unknown. .

Specificity of the mouse IgG3, Kappa is determined by Ouchterlony Double Diffusion (ODD). The purified myeloma preparation is non-reactive with antisera to mouse IgA, IgM, IgG1, IgG2a, 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 IgG3 and anti-mouse kappa chain results in single arcs of precipitation.

Purity of the purified IgG3, Kappa is ≥96% when assayed using SDS-PAGE stained with Reactive Blue R.

### **Reagent**

Supplied as a solution in 0.02 M Tris buffered saline, pH 8.0, containing 0.02% 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**

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. For extended use, store frozen in working aliquots. Repeated freezing and thawing is not recommended.

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