

## Product Information

## IgM, Kappa from Murine Myeloma

Clone TEPC 183-SY, Purified from hybridoma cell culture

**SAB4200857**

### Product Description

IgM, Kappa immunoglobulin is (mouse IgM isotype) is derived from the TEPC 183-SY hybridoma, produced by the fusion of mouse NS1 myeloma and TEPC 183 mouse tumor line. TEPC 183 tumor line that produces mouse IgM, Kappa, is pristane-induced plasmacytoma. The myeloma hapten binding specificity has not been determined. The isotype is determined by ELISA using Mouse Monoclonal Antibody Isotyping Reagents (ISO-2).

The antibody is purified from culture supernatant of hybridoma cells. Identity and purity of the immunoglobulin is established by HPLC.

### Reagent

- Supplied as a solution in 0.05 M Tris, 0.5 M NaCl, pH 8.0, containing 0.02% sodium azide as a preservative.
- Antibody Concentration: ~2.0-2.2 mg/mL

### Precautions and Disclaimer

For R&D use only. Not for drug, household, or other uses.

### Storage/Stability

For continuous use, store at 2–8 °C for up to one month. For extended storage, freeze in working aliquots. Repeated freezing and thawing is not recommended. If slight turbidity occurs upon prolonged storage, clarify the solution by centrifugation before use. Working dilution samples should be discarded if not used within 12 hours.

### Product Profile

#### Protein Concentration

2.0-2.2 mg/mL as determined by the absorbance at 280 nm.

#### Purity

≥ 90% as determined by HPLC

**Note:** In order to obtain best results in various techniques and preparations, it is recommended to determine optimal working dilutions by titration test.

---

## Notice

We provide information and advice to our customers on application technologies and regulatory matters to the best of our knowledge and ability, but without obligation or liability. Existing laws and regulations are to be observed in all cases by our customers. This also applies in respect to any rights of third parties. Our information and advice do not relieve our customers of their own responsibility for checking the suitability of our products for the envisaged purpose.

The information in this document is subject to change without notice and should not be construed as a commitment by the manufacturing or selling entity, or an affiliate. We assume no responsibility for any errors that may appear in this document.

### Technical Assistance

Visit the tech service page at [SigmaAldrich.com/techservice](https://SigmaAldrich.com/techservice).

### Terms and Conditions of Sale

Warranty, use restrictions, and other conditions of sale may be found at [SigmaAldrich.com/terms](https://SigmaAldrich.com/terms).

### Contact Information

For the location of the office nearest you, go to [SigmaAldrich.com/offices](https://SigmaAldrich.com/offices).

The life science business of Merck operates  
as MilliporeSigma in the U.S. and Canada.

Merck and Sigma-Aldrich are trademarks of Merck KGaA, Darmstadt, Germany or its affiliates. All other trademarks are the property of their respective owners. Detailed information on trademarks is available via publicly accessible resources.

© 2020-2024 Merck KGaA, Darmstadt, Germany and/or its affiliates. All Rights Reserved.

SAB4200857pis Rev 11/24

