



**Meridian**  
**Life Science, Inc.**  
Innovative Solutions. Trusted Partner.®

5171 Wilfong Road  
Memphis, TN 38134  
USA  
Telephone: 901-382-8716  
Fax: 901-333-8223  
Email: [info@meridianlifescience.com](mailto:info@meridianlifescience.com)  
[www.MeridianLifeScience.com](http://www.MeridianLifeScience.com)

## CERTIFICATE OF ANALYSIS

**Important Note: Centrifuge before opening to ensure complete recovery of vial contents.**

|                        |                                                                                                                     |                   |                          |
|------------------------|---------------------------------------------------------------------------------------------------------------------|-------------------|--------------------------|
| <b>Catalog #:</b>      | MCT02-011                                                                                                           | <b>Lot #:</b>     | 9F16507                  |
| <b>Description:</b>    | MAb to Thyroxine (T4)<br>Monoclonal Antibody to Thyroxine (T4)                                                      |                   |                          |
| <b>Specificity:</b>    | Thyroxine (T4)<br><u>Cross Reactivity:</u><br>T3 < 1%<br>rT3 < 1%<br>T2 < 1%                                        |                   |                          |
| <b>Host Animal:</b>    | Mouse                                                                                                               | <b>EXP. DATE:</b> | 29 MAY 2020              |
| <b>Source:</b>         | Ascites                                                                                                             |                   |                          |
| <b>Immunogen:</b>      | T4-BSA                                                                                                              | <b>Isotype:</b>   | IgG <sub>1</sub> , kappa |
| <b>Format:</b>         | Purified, Liquid                                                                                                    |                   |                          |
| <b>Purification:</b>   | > 80% pure (SDS-PAGE). DEAE chromatography. Product is 0.2 µm filtered.                                             |                   |                          |
| <b>Concentration:</b>  | 5.23 mg/mL (OD280nm, E <sup>0.1%</sup> = 1.4)                                                                       |                   |                          |
| <b>Buffer:</b>         | 10 mM Sodium Phosphate, pH 7.4 containing 150 mM Sodium Chloride.                                                   |                   |                          |
| <b>Preservative:</b>   | 0.1% Sodium Azide                                                                                                   |                   |                          |
| <b>Applications:</b>   | Specific methodologies have not been tested using this product.                                                     |                   |                          |
| <b>Storage:</b>        | Short term (up to 7 days) store at 2-8°C. Long term, aliquot and store at -20°C. Avoid multiple freeze/thaw cycles. |                   |                          |
| <b>Safety Note(s):</b> | See appropriate Safety Data Sheet (SDS) for additional information.                                                 |                   |                          |

  
Signature

31 May 2018  
Date

**FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY**