



# DataSheet

**CATALOGUE #:** 2T6

**PRODUCT NAME:** Monoclonal mouse anti-thyroxine

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**MAbs:** 1H1, XM212

Hybridoma clones have been derived from hybridization of Sp2/0 myeloma cells with spleen cells of Balb/c mice immunized with conjugate of purified thyroxine (Sigma T-2501) with BSA.

**Specificity:** Thyroxine (T4)

MAbs react with conjugate T4-BSA and with free thyroxine in ELISA. Cross-reactivity with triiodothyronine (Sigma T-2752) is less than 0.1%.

The reactivity of the MAb XM212 with L-thyroxine is 100 % and with D-thyroxine 30 %.

**MAb isotypes:** IgG2a for 1H1, XM212

**Applications:** Detection of thyroxine. ELISA.

**Purification:** 1H1 by protein A chromatography  
XM212 by ion exchange chromatography

**Presentation:** 1H1 in PBS, pH 7.4, 0.09 % sodium azide (NaN<sub>3</sub>)  
XM212 in 0.15 M NaCl, 10 mM Tris, pH 7.5, 0.05 % of sodium azide (NaN<sub>3</sub>).

**Storage:** +4 °C (+2 ... +8 °C allowed)

**Material safety note:** This product is sold **for research or further manufacturing use only**. Standard Laboratory Practices should be followed when handling this material.

Product contains sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling this product.

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