



# DataSheet

**CATALOGUE #:** 2T6

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

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**MAbs *in vitro*:** 1H1cc, XM212cc

Mouse monoclonal antibody produced in bioreactor. Hybridoma clone derived from hybridization of Sp2/0 myeloma cells with spleen cells of Balb/c mice.

**Immunogen:** Purified thyroxine (Sigma T-2501) conjugated 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 XM212cc with L-thyroxine is 100 % and with D-thyroxine 30 %.

**MAb isotypes:** IgG2a for 1H1cc, XM212cc

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

**Purification:** Protein A chromatography

**Presentation:** PBS, pH 7.4, 0.09 % 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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