

CATALOGUE #: 2T6

PRODUCT NAME: Monoclonal mouse anti-thyroxine

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 (NaN₃)

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.