

**CATALOGUE #:** 2T6

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

<b>MAbs <i>in vitro</i>:</b>	<b>1H1cc, XM212cc</b> Mouse monoclonal antibody produced in bioreactor. Hybridoma clone derived from hybridization of Sp2/0 myeloma cells with spleen cells of Balb/c mice.
<b>Immunogen:</b>	Purified thyroxine (Sigma T-2501) conjugated with BSA
<b>Specificity:</b>	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%.  XM212cc reactivity with L-thyroxine is 100 % and with D-thyroxine 30 %.
<b>MAb isotypes:</b>	<b>IgG2a</b> for 1H1cc, XM212cc
<b>Applications:</b>	Detection of thyroxine. ELISA.
<b>Purification:</b>	Protein A chromatography
<b>Presentation:</b>	PBS, pH 7.4, 0.09 % sodium azide (NaN <sub>3</sub> )
<b>Storage:</b>	+4 °C (+2 ... +8 °C allowed)
<b>Material safety note:</b>	This product is sold <b>for research or further manufacturing use only</b> . 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.