

**CATALOGUE #:** 2T2

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

**MAbs:** XM209

Hybridoma clone has been derived from hybridization of Sp2/0 myeloma cells with spleen cells of Balb/c mice immunized with conjugate of purified testosterone with BSA.

**Specificity:** Testosterone,  $K_a = 2.5 \times 10^9 \text{ M}^{-1}$

MAb XM209 reacts with testosterone in ELISA.

Cross-reactivity of MAb XM209:

Steroid	Cross-reactivity (%)
	50% displacement of Testosterone-3-125-Iodine)
Testosterone	100
5-alpha-dehydrotestosterone	16
Androstendiol	1.0
Androstendione	0.4
Androsterone	< 0.1
Dehydroepiandrosterone	< 0.1
Progesterone	< 0.1
Estradiol, Estriol	< 0.01
Cortisol, Pregnenolone	< 0.01

**MAb isotypes:** IgG2a for MAb XM209

**Applications:** Detection of testosterone. ELISA.

**Purification:** Ion exchange chromatography

**Presentation:** PBS, pH 7.4, 0.09 % sodium azide ( $\text{NaN}_3$ )

**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.