

CATALOGUE #: 2T2

PRODUCT NAME: Monoclonal mouse anti-testosterone

MAbs *in vivo*: **XM209**
Mouse monoclonal antibody produced in ascites. Hybridoma clone derived from hybridization of Sp2/0 myeloma cells with spleen cells of Balb/c mice.

Immunogen: Purified testosterone conjugated with BSA

Specificity: Testosterone, $K_a = 2.5 \times 10^9 \text{ M}^{-1}$
XM209 reacts with testosterone in ELISA.
Cross-reactivity of XM209:

		Cross-reactivity (%)
Steroid		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 XM209

Applications: Detection of testosterone. ELISA.

Purification: Ion exchange chromatography

Presentation: PBS, pH 7.4, 0.09 % sodium azide (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.