



DataSheet

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:

	Cross-reactivity (%)
Steroid	50% displacement of Testosterone-3-125-Iodine)
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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: 0.15 M NaCl, 10 mM Tris, pH 7.5, 0.05 % 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.

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