



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: 0.15 M NaCl, 10 mM Tris, pH 7.5, 0.05 % sodium azide (NaN_3)

Storage: + 4 °C

Material safety note: This product is sold as an antibody preparation **for research use only**. Standard Laboratory Practices should be followed when handling this material.

Contains sodium azide (0.05 %) as preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling this product.