

CATALOGUE #: 2P2

PRODUCT NAME: Monoclonal mouse anti-progesterone

MAbs: XM207, HPRO-2

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 progesterone conjugated with BSA for XM207

17 alpha-hydroxyprogesterone conjugated with BSA for HPRO-2

Specificity:

MAbs XM207, HPRO-2: Progesterone

MAbs are not cross-reacting with BSA.

Cross-reactivity (%):

	XM207	HPRO-2
Progesterone	100	100
17-Hydroxyprogesterone	1.0	10
11-Hydroxyprogesterone	25	N/A
5-alpha-pregnane-3,20 dione	10.5	N/A
Corticosterone	0.01	N/A
Pregnenolone	0.9	N/A
Deoxycorticosterone	0.30	1
Deoxycortisol	0.03	N/A
Cortisol	0.002	N/A

MAB isotypes: IgG2b for XM207, HPRO-2

Applications:

XM207 and HPRO-2 can be used for detection of progesterone.

Purification:

Protein A chromatography for XM207

Protein G chromatography for HPRO-2

Presentation:

50 mM sodium citrate, 150 mM NaCl, pH 6.0, 0.09 % sodium azide (NaN₃) for XM207

PBS, pH 7.4, 0.09 % sodium azide (NaN₃) for HPRO-2

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.