

**CATALOGUE #:** 2P2

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

**MAbs *in vivo*:** **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:** Progesterone. No cross-reactivity 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 (NaN<sub>3</sub>) for XM207  
PBS, pH 7.4, 0.09 % sodium azide (NaN<sub>3</sub>) 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.