

CATALOGUE #: 2P2

PRODUCT NAME: Monoclonal mouse anti-progesterone

MAbs: XM207, HPRO-2

Hybridoma clone for MAb XM207 has been derived from hybridization of Sp2/0 myeloma cells with spleen cells of Balb/c mice immunized with conjugate of purified progesterone with BSA. For HPRO-2 the immunogen was conjugate of 17 α -hydroxyprogesterone with BSA.

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 MAbs XM207, HPRO-2

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

Purification: Protein G chromatography for HPRO-2
Ion exchange chromatography for XM207

Presentation: PBS, pH 7.4, 0.09 % sodium azide (NaN₃)

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.