



DataSheet

CATALOGUE #: 2P2

PRODUCT NAME: Monoclonal mouse anti-progesterone

MAbs: XM207, HPRO-1, HPRO-2, HPRO-3

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-1, HPRO-2 and HPRO-3 immunogen was conjugate of 17 α -hydroxyprogesterone with BSA.

Specificity: MAbs XM207, HPRO-2: Progesterone
MAbs HPRO-1, HPRO-3: 17 α -hydroxyprogesterone

MAbs HPRO-1 and HPRO-3 react with 17 α -hydroxyprogesterone-BSA conjugate and free 17 α -hydroxyprogesterone.

MAbs are not cross-reacting with BSA.

Cross-reactivity (%):

	XM207	HPRO-1	HPRO-2	HPRO-3
Progesterone	100	7	100	11
17-Hydroxyprogesterone	1.0	100	10	100
11-Hydroxyprogesterone	25	N/A	N/A	N/A
5-alpha-pregnane-3,20 dione	10.5	N/A	N/A	N/A
Corticosterone	0.01	N/A	N/A	N/A
Pregnenolone	0.9	N/A	N/A	N/A
Deoxycorticosterone	0.30	3	1	15
Deoxycortisol	0.03	N/A	N/A	N/A
Cortisol	0.002	N/A	N/A	N/A

MAb isotypes: **IgG2b** for MAbs XM207, HPRO-2 and HPRO-3
IgG3 for MAb HPRO-1

Applications: XM207 and HPRO-2 can be used for detection of progesterone.
HPRO-1 and HPRO-3 can be used in competitive assay of 17 α -hydroxyprogesterone.

Purification: HPRO-1, HPRO-2 and HPRO-3 by protein G chromatography, and XM207 by ion exchange chromatography.

Presentation: HPRO-1, HPRO-2 and HPRO-3 in PBS, pH 7.4, 0.09 % sodium azide (NaN₃), and XM207 in 0.15 M NaCl, 10 mM Tris, pH 7.5, 0.05% of sodium azide (NaN₃).

Storage: +4 °C (+2 ... +8 °C allowed)

Material safety note: This product is sold **for research 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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