

CATALOGUE #: 2C2 / 2C2cc

PRODUCT NAME: Monoclonal mouse anti-cortisol

MAbs *in vitro*
(Cat.# 2C2cc): XM210cc

MAbs *in vivo*
(Cat.# 2C2): CORT-1, CORT-2

Hybridoma clones have been derived from hybridization of Sp2/0 myeloma cells with spleen cells of Balb/c mice immunized with conjugate of purified cortisol with BSA.

Specificity: MAbs react with cortisol-BSA conjugate and free cortisol, no cross-reactivity with BSA.

Cross-reactivity, % 50% displacement of cortisol-3-125-Iodine:

Steroid	XM210cc	CORT-1	CORT-2
Cortisol	100	100	100
Dexamethasone	20	N/A	N/A
11-Deoxycortisol	0.9	N/A	N/A
Prednisolone	5.6	N/A	N/A
Corticosterone	0.6	20	49
11-Deoxycorticosterone	<0.1	N/A	N/A
Progesterone	<0.1	N/A	N/A
17-Hydroxyprogesterone	<0.1	0	0
Testosterone, Estradiol, Estriol	<0.1	N/A	N/A
Danazol	<0.01	N/A	N/A

MAb isotypes: **IgG1** for CORT-1
IgG2a for XM210cc
IgG3 for CORT-2

Applications: Detection of cortisol in competitive assay.

Purification: Protein A chromatography for XM210cc
Protein G chromatography for CORT-1, CORT-2.

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.