## Datasheet

Blood coagulation and Anemia • Bone Metabolism • Cardiac Markers • Fertility and Pregnancy Gangliosides • Hormone Markers • Immunology and Serology • Infectious Diseases • Inflammation Kidney Diseases • Metabolic Syndrome • Microbial and Plant Toxins • Miscellaneous • Neuroscience Thyroid Diseases • Tumor Markers • Veterinary

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-lodine:

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 (NaN<sub>3</sub>)

**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.

