

Mouse Anti Cortisol Monoclonal Antibody

DMABT-49109MC Mouse(Cortisol)

Lot. No. (See product label)

PRODUCT INFORMATION

Product Overview	Mouse Anti Cortisol
Immunogen	Cortisol conjugated to bovine serum albumin
Host	Mouse
Isotype	IgG1
Species	Broad
Clone	CHO/D53
Conjugation	N/A
Applications	ELISA,

PACKAGING

Format	Purified IgG - liquid
Protein Concentration	1.0 mg/ml
Buffer	Phosphate buffered saline
Storage	Store at +4 °C or at -20 °C if preferred. Storage in frost-free freezers is not recommended. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.
Preservative	0.09% Sodium Azide (NaN ₃)
Shelf Life	18 months from date of despatch.

BACKGROUND

Introduction	Cortisol (hydrocortisone) is a steroid hormone, or glucocorticoid, produced by the adrenal gland. It is released in response to stress and a low level of blood glucocorticoids. Its primary functions are to increase blood sugar through gluconeogenesis; suppress the immune system; and aid in fat, protein and carbohydrate metabolism. It also decreases bone formation. During pregnancy, increased production of cortisol between weeks 30-32 initiates production of fetal lung surfactant to promote maturation of the lungs. Various synthetic forms of cortisol are used to treat a variety of diseases
Keywords	Cortisol; 17a-Hydroxycorticosterone; Acticort; Aeroseb-HC; Alacort; ala-cort; Ala-Scalp; Alphaderm; anti-Inflammatory hormone; anti-inflammatory hormone; Barseb HC; barsebhc; CaldeCORT Spray; Cetacort; Cleiton; Cobadex; component of Cor-tar-quin; component of Cort-quin cortisporin; component of Drotic; component of Lubricort; component of Neo-Cort-Dome; component of Nystaform -hc; component of Otalgine; component of Otic-neo-cort-dome; component of Otobiotic; component of Otocort