



Mouse Anti-Cortisol Monoclonal antibody, clone 9F309 (CABT-RM193)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Specificity	Cortisol
Target	Cortisol
Immunogen	Cortisol-KLH
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Feline
Clone	9F309
Purification	Ion Exchange Purified,>95%
Conjugate	unconjugated
Applications	ELISA
Format	Liquid
Size	1 mg
Buffer	0.015M Potassium Phosphate Buffer, pH 7.2 with 0.85% NaCl
Preservative	0.05% Sodium Azide
Storage	Short Term: 2-8°C. Long Term: ≤-20°C. Avoid repeated freezing and thawing.
Ship	Cold Packs

BACKGROUND

Introduction	Cortisol is a steroid hormone, in the glucocorticoid class of hormones. When used as a medication, it is known as hydrocortisone. It is produced in many animals mainly by the zona fasciculata of the adrenal cortex within the adrenal gland. It is produced in other tissues in lower quantities. It is released with a diurnal cycle and its release is increased in response to stress and low blood-glucose concentration. It functions to increase blood sugar through gluconeogenesis, to suppress the immune system, and to aid in the metabolism of fat, protein, and carbohydrates. It also decreases bone formation.
Keywords	Cortisol