

Product datasheet for **BM358**

Cortisol Mouse Monoclonal Antibody [Clone ID: BGN/C13]

Product data:

Product Type:	Primary Antibodies
Clone Name:	BGN/C13
Applications:	ELISA
Recommended Dilution:	ELISA.
Host:	Mouse
Isotype:	IgG2
Clonality:	Monoclonal
Immunogen:	Cortisol conjugated to bovine serum albumin.
Specificity:	This antibody recognizes cortisol. The following cross reactivities were observed: Cortisol: 100% Prednisolone: 30% Cortisone: 25% Corticosterone: 10% 11-desoxycortisol: 5% No reactivity was observed with 17-a-OH-progesterone.
Formulation:	PBS containing 0.09% Sodium Azide State: Purified State: Liquid purified IgG
Concentration:	lot specific
Purification:	Affinity chromatography on Protein G
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.



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Background: Cortisol is a glucocorticoid hormone synthesized from cholesterol by the adrenal cortex. It is released in response to pituitary adenocorticotrophic hormone (ACTH) which is, in turn, regulated by corticotrophin releasing factor (CRF). High levels of cortisol act to regulate the release of ACTH and CRF via negative feedback inhibition. The release of cortisol stimulates the conversion of proteins to carbohydrates, raises blood sugar levels and promotes glycogen storage in the liver.

Synonyms: Hydrocortisone