

Product datasheet for **BM042**

Aldosterone Mouse Monoclonal Antibody [Clone ID: 10/42133]

Product data:

Product Type:	Primary Antibodies
Clone Name:	10/42133
Applications:	ELISA
Recommended Dilution:	ELISA.
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Aldosterone conjugated to Bovine Serum Albumin.
Specificity:	This antibody recognizes Aldosterone. BM042 does not cross react with Androstenedione, Corticosterone, DHEA or Desoxycortisol.
Formulation:	PBS, pH 7.2 State: Purified State: Liquid purified IgG fraction Preservative: 0.09% Sodium Azide
Concentration:	lot specific
Purification:	Affinity chromatography on Protein G
Conjugation:	Unconjugated
Storage:	Store 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.
Background:	Aldosterone is a steroid hormone (mineralocorticoid family) produced by the outer-section (zona glomerulosa) of the adrenal cortex in the adrenal gland to regulate the bodies electrolyte and water balance. It is synthesized from cholesterol by aldosterone synthase, which is absent in other sections of the adrenal gland. It acts directly on the kidney to decrease the rate of sodium-ion excretion (with accompanying retention of water), and to increase the rate of potassium-ion excretion.



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