

# Mouse anti- Corticosterone monoclonal antibody

Catalog Number: CSB-MA0043110m



<b>Synonym Names</b>	11-dehydro-17-hydroxycorticosterone, cortisone
<b>Product type</b>	Primary antibodies
<b>Description</b>	Mouse monoclonal to Corticosterone
<b>Clonality</b>	monoclonal
<b>Isotype</b>	IgG1
<b>Purity</b>	>95% by Protein G purified.
<b>Conjugate</b>	Non-conjugated
<b>Storage buffer</b>	Preservative: 0.03% Proclin 300 Constituents: 0.01M PBS, PH 7.4
<b>Storage</b>	Shipped at 4°C Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze.
<b>Form</b>	Liquid
<b>Raised in</b>	Mouse
<b>Clone Number</b>	004311
<b>Tested applications</b>	ELISA ,Immune colloidal gold, Immunochromatography IC50:1.87242ppb
<b>Introduction</b>	Corticosterone, also known as 17-deoxycortisol and 11 $\beta$ ,21-dihydroprogesterone, is a 21-carbon steroid hormone of the corticosteroid type produced in the cortex of the adrenal glands in rodents and other non-human animals.
<b>References</b>	[1]R.A. Hill; H.L.J. Makin; D.N. Kirk; G.M. Murphy .Dictionary of Steroids.1991 May23:189. [2] Romero, L.M., Stochlic, D., Wingfield, J.C. Corticosterone inhibits feather growth: Potential mechanism explaining seasonal down regulation of corticosterone during molt. Comparative Biochemistry and Physiology Part A: Molecular & Integrative Physiology.2005,142.65-73. [3] Kitaysky, A.S., Kitaiskaia, E.V., Piatt, J.F., Wingfield, J.C.Benefits and costs of increased levels of corticosterone in seabird chicks.2003,43.140-149. [4] Kitaysky, A.S., Kitaishaia, E.V., Wingfield, J.C., Piatt, J.F.Dietary restriction causes chronic elevation of corticosterone and enhances stress response in red-legged kittiwake chicks. Journal of Comparative Physiology B.2001,8.701-709.