

Anti-Cortisol antibody [XM210] ab1949

17 References

製品の概要

製品名	Anti-Cortisol antibody [XM210]
製品の詳細	Mouse monoclonal [XM210] to Cortisol
由来種	Mouse
特異性	Cortisol, $K_a = 1.7 \times 10^9 \text{ M}^{-1}$. XM-210 has some cross-reactivity with cortisone (~0.6%)
アプリケーション	適用あり: ELISA
種交差性	交差種: Species independent
免疫原	Chemical/ Small Molecule corresponding to Cortisol conjugated to Bovine Serum Albumin (BSA).
特記事項	<p>Concentration varies from lot to lot and can be provided on request.</p> <p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
バッファー	<p>pH: 7.40</p> <p>Preservative: 0.09% Sodium azide</p> <p>Constituent: PBS</p>
精製度	Protein A purified
特記事項 (精製)	Purified by ion exchange chromatography and tested by electrophoresis.
ポリ/モノ	モノクローナル
クローン名	XM210
ミエローマ	Sp2/0
アイソタイプ	IgG2a

アプリケーション

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アプリケーション	Abreviews	特記事項
ELISA		Use at an assay dependent concentration.

ターゲット情報

関連性 Cortisol is the most potent glucocorticoid produced by the human adrenal. It is synthesized from cholesterol and its production is stimulated by pituitary adrenocorticotrophic hormone (ACTH) which is regulated by corticotropin releasing factor (CRF). ACTH and CRF secretions are inhibited by high cortisol levels in a negative feedback loop. In plasma a majority of cortisol is bound with high affinity to corticosteroid binding globulin (CBG or transcotin). Cortisol acts through specific intracellular receptors and affects numerous physiologic systems including immune function, glucose counter regulation, vascular tone, and bone metabolism.

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