

Datasheet: MCA2731

Description:	MOUSE ANTI DEHYDROEPIANDROSTERONE
Specificity:	DEHYDROEPIANDROSTERONE
Other names:	DHEA
Format:	Purified
Product Type:	Monoclonal Antibody
Clone:	DHEA(-7):1-54.1 (BGN/1179/541)
Isotype:	IgG1
Quantity:	0.2 mg

Product Details

Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit www.bio-rad-antibodies.com/protocols.

	Yes	No	Not Determined	Suggested Dilution
ELISA	▪			1/1000 - 1/10000

Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using appropriate negative/positive controls.

Target Species	Broad
Product Form	Purified IgG - liquid
Preparation	Purified IgG prepared by affinity chromatography on Protein A from tissue culture supernatant.
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	0.09% Sodium Azide (NaN ₃)
Carrier Free	Yes
Approx. Protein Concentrations	IgG concentration 1.0mg/ml

Immunogen	DHEA-7-CMO-BSA conjugate.
RRID	AB_1125312
Specificity	<p>Mouse anti Dehydroepiandrosterone antibody, clone DHEA(-7):1-54.1 detects dehydroepiandrosterone (DHEA) a steroid prohormone which is the precursor of all sex steroids. DHEA is produced primarily by the adrenal glands, and together with its ester DHEA-sulphate (DHEAS), has been implicated in a wide range of physiological roles including aging, immunology, memory and obesity. In particular, DHEA and DHEAS differentially regulate growth-factor induced proliferation of chromaffin cells, and are thought to affect neurogenesis, neuronal survival, and neuronal stem cell proliferation.</p> <p>Blood measurements of DHEAS/DHEA are useful to detect excess adrenal activity due to adrenal cancer or hyperplasia, including certain forms of congenital adrenal hyperplasia.</p>
References	1. Sicard, F. <i>et al.</i> (2007) Age-dependent regulation of chromaffin cell proliferation by growth factors, dehydroepiandrosterone (DHEA), and DHEA sulfate. Proc Natl Acad Sci U S A. 104 (6): 2007-12.
Storage	<p>Store at +4°C or at -20°C if preferred.</p> <p>Storage in frost-free freezers is not recommended.</p> <p>This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.</p>
Guarantee	18 months from date of despatch.
Health And Safety Information	Material Safety Datasheet documentation #10040 available at: 10040: https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf
Regulatory	For research purposes only

Related Products

Recommended Secondary Antibodies

Goat Anti Mouse IgG IgA IgM (STAR87...)	Alk. Phos. , HRP
Goat Anti Mouse IgG (STAR77...)	HRP
Rabbit Anti Mouse IgG (STAR12...)	RPE
Rabbit Anti Mouse IgG (STAR8...)	DyLight®800
Rabbit Anti Mouse IgG (STAR13...)	HRP
Goat Anti Mouse IgG (STAR76...)	RPE
Goat Anti Mouse IgG (STAR70...)	FITC
Goat Anti Mouse IgG (Fc) (STAR120...)	FITC , HRP
Rabbit Anti Mouse IgG (STAR9...)	FITC
Goat Anti Mouse IgG (H/L) (STAR117...)	Alk. Phos. , DyLight®488 , DyLight®680 , DyLight®800 , FITC , HRP

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15, 2021, we will no longer supply printed datasheets with our products.
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