



Anti-Dehydroepiandrosterone monoclonal antibody, clone 2-35.2 (CHO/2288/2352) (DCABY-017)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Specificity	Cross-reactivity: DHEA-3-sulfate 100%, DHEA 10%
Immunogen	DHEA-BSA
Isotype	IgG2b, κ
Source/Host	Mouse
Species Reactivity	Broad
Clone	2-35.2 (CHO/2288/2352)
Conjugate	Unconjugated
Applications	ELISA
Preparation	Purified IgG prepared by affinity chromatography on Protein A
Format	Purified IgG - liquid
Size	200 µg
Buffer	Phosphate buffered saline
Storage	Store at +4°C or at -20°C if preferred. Storage in frost-free freezers is not recommended. 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.

BACKGROUND

Introduction	DHEA (Dehydroepiandrosterone) is an endogenous steroid hormone made in the human body, and secreted by the adrenal gland. DHEA serves as precursor to male and female sex hormones (androgens and estrogens). Dehydroepiandrosterone sulfate (DHEAS) is the sulfated version of DHEA. This conversion is reversibly catalysed by sulfotransferase (SULT2A1) primarily in the adrenals, the liver, and small intestines. In blood, most DHEA is found as DHEAS with levels that are about 300 times higher than free DHEA. While DHEA levels reach their peak in the early morning hours, DHEAS levels show no diurnal variation. DHEAS is biologically active only after its sulfate group has been split and it becomes DHEA again. Measurement of DHEAS is preferable to DHEA as levels are more stable.
Keywords	Dehydroepiandrosterone; DHEA; Fidelein; androstenolone; prasterone; 3beta-hydroxyandrost-5-en-17-one; 5-androsten-3beta-ol-17-one; (3S, 8R, 9S, 10R, 13S, 14S)-3-hydroxy-10, 13-dimethyl-1, 2, 3, 4, 7, 8, 9, 11, 12, 14, 15, 16-dodecahydrocyclopenta[a]phenanthren-17-one; Dehydroepiandrosterone sulfate; DHEAS