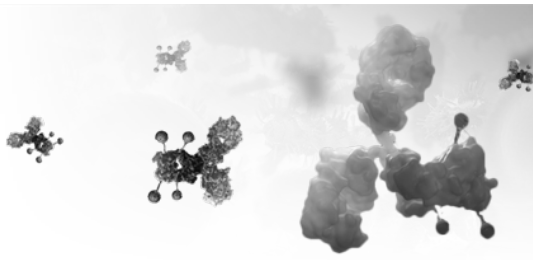

Mouse Anti-DHEA 3-sulfate monoclonal antibody, clone N784 (CABT-L2296)

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

PRODUCT INFORMATION

Product Overview	Mouse Monoclonal anti-DHEA 3-sulfate
Specificity	Dehydroepiandrosterone 3-sulfate: 100% Dehydroepiandrosterone: 10%
Immunogen	Dehydroepiandrosterone-BSA
Isotype	IgG1, κ
Source/Host	Mouse
Species Reactivity	N/A
Clone	N784
Purification	Purified by DEAE column chromatography. Purity>90% (by SDS-PAGE and HPLC)
Conjugate	Unconjugated
Applications	ELISA
Format	Liquid
Concentration	Lot specific
Size	1 mg
Buffer	Supplied in 15 mM potassium phosphate, 0.85% NaCl, pH 7.2
Preservative	0.05% Sodium Azide

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Storage	Upon receipt, store at 2-8°C

BACKGROUND

Introduction	Dehydroepiandrosterone sulfate or DHEA sulfate is a metabolite of dehydroepiandrosterone (DHEA) produced by the addition of a sulfate group, catalyzed by the sulfotransferase enzymes SULT1A1 and SULT1E1, which also produce estrone sulfate from estrone. DHEA sulfate can also be back-converted to DHEA through the action of steroid sulfatase. In the zona reticularis layer of the adrenal cortex, DHEA-sulfate is generated by SULT2A1. This layer of the adrenal cortex is thought to be the primary source of serum DHEA-sulfate. DHEA sulfate levels decline as a person ages as the reticularis layer diminishes in size.
Keywords	Dehydroepiandrosterone sulfate; DHEA sulfate; Dehydroepiandros-terone sulfate; DHEAS

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