



Mouse anti-Human CDYL monoclonal antibody, clone 2B7 (CABT-B9939)

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

PRODUCT INFORMATION

Immunogen	CDYL (NP_004815, 153 a.a. ~ 261 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Isotype	IgG2a
Source/Host	Mouse
Species Reactivity	Human
Clone	2B7
Conjugate	Unconjugated
Applications	WB, IF, sELISA, ELISA
Sequence Similarities	LVIGKDHESKNSQLFAASQKFRKNTAPSLSRKNMQLAKSGI KILVPKSPVKSRTAVDGF QSESPEKLD PVEQQQEDTVAPEVAAEKPVGALLGPG AERARMGSRPRI*
Format	Liquid
Size	100 µg
Buffer	In 1x PBS, pH 7.2
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

BACKGROUND

Introduction	Chromodomain Y is a primate-specific Y-chromosomal gene family expressed exclusively in the testis and implicated in infertility. Although the Y-linked genes are testis-specific, this autosomal
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gene is ubiquitously expressed. The Y-linked genes arose by retrotransposition of an mRNA from this gene, followed by amplification of the retroposed gene. Proteins encoded by this gene superfamily possess a chromodomain, a motif implicated in chromatin binding and gene suppression, and a catalytic domain believed to be involved in histone acetylation. Multiple proteins are encoded by transcript variants of this gene. [provided by RefSeq, Jul 2008]

Keywords	CDYL; chromodomain protein, Y-like; CDYL1; chromodomain Y-like protein; CDY-like, autosomal; testis-specific chromodomain Y-like protein;
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GENE INFORMATION

Entrez Gene ID	9425
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UniProt ID	Q9Y232
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Function	acyltransferase activity; histone acetyltransferase activity; transferase activity
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