



Mouse anti-Human CDY2A monoclonal antibody, clone 3F3 (CABT-B9938)

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

PRODUCT INFORMATION

Immunogen	CDY2A (NP_004816, 123 a.a. ~ 215 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	3F3
Conjugate	Unconjugated
Applications	WB,sELISA,ELISA
Sequence Similarities	ASTLSDTKNMEIINSTIETLAPDSPFDHKKTSGFQKLEKLDPIAADQQDTVVFKVTEGK LLRDPLSHPGAEQTGIQNKTQMHPPLMSQMSG*
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	This intronless gene encodes a protein containing a chromodomain and a histone acetyltransferase catalytic domain. Chromodomain proteins are components of
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heterochromatin-like complexes and can act as gene repressors. This protein is localized to the nucleus of late spermatids where histone hyperacetylation takes place. Histone hyperacetylation is thought to facilitate the transition in which protamines replace histones as the major DNA-packaging protein. Two nearly identical copies of this gene are found in a palindromic region on chromosome Y; this record represents the telomeric copy. Chromosome Y also contains a pair of closely related genes in another more telomeric palindrome as well as several related pseudogenes. [provided by RefSeq, Jul 2008]

Keywords	CDY2A; chromodomain protein, Y-linked, 2A; CDY; CDY2; testis-specific chromodomain protein Y 2; Y chromosome chromodomain protein 2A; chromodomain protein, Y chromosome, 2;
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GENE INFORMATION

Entrez Gene ID [9426](#)

UniProt ID [Q9Y6F7](#)