CDY1 Monoclonal Antibody

Catalog No	YP-mAb-06595
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB
Gene Name	CDY1 CDY1A; CDY1B
Protein Name	Testis-specific chromodomain protein Y 1 (EC 2.3.1.48)
Immunogen	Synthesized peptide derived from human protein . at AA range: 210-290
Specificity	CDY1 Monoclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	59kD
Cell Pathway	Nucleus .
Tissue Specificity	Testis-specific. Detected in spermatids (at protein level).
Function	catalytic activity:Acetyl-CoA + histone = CoA + acetylhistone.,function:Has histone acetyltransferase activity, with a preference for histone H4.,similarity:Contains 1 chromo domain.,tissue specificity:Testis specific.,
Background	This gene encodes a protein containing a chromodomain and a histone acetyltransferase catalytic domain. Chromodomain proteins are components of 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. The human chromosome Y has two identical copies of this gene within a palindromic region; this record represents the more telomeric copy. Chromosome Y also contains a pair of closely related genes in another more telomeric palindrome as well as several related pseudogenes. Two protein isoforms are encoded by transcript variants of this gene. Additional transcript variants have been described, but their full-length nature has not been determined. [provided by

matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

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