

## Product datasheet for **TA810485S**

### CDY2B Mouse Monoclonal Antibody [Clone ID: OTI4B8]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI4B8
Applications:	WB
Recommended Dilution:	WB 1:2000
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Full length human recombinant protein of human CDY2B (NP_001001722) produced in E.coli.
Formulation:	PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration:	1 mg/ml
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	60.3 kDa
Gene Name:	chromodomain protein, Y-linked, 2B
Database Link:	<a href="#">NP_001001722</a> <a href="#">Entrez Gene 203611 Human</a> <a href="#">Q9Y6F7</a>



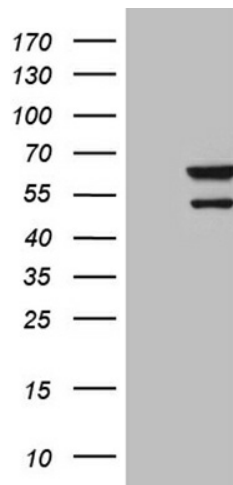
[View online »](#)

**Background:**

This intronless 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. Two nearly identical copies of this gene are found in a palindromic region on chromosome Y; this record represents the centromeric 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]

**Synonyms:**

CDY

**Product images:**

HEK293T cells were transfected with the pCMV6-ENTRY control (Cat# [PS100001], Left lane) or pCMV6-ENTRY CDY2B (Cat# [RC214700], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-CDY2B (Cat# [TA810485])(1:2000). Positive lysates [LY424221] (100ug) and [LC424221] (20ug) can be purchased separately from OriGene.