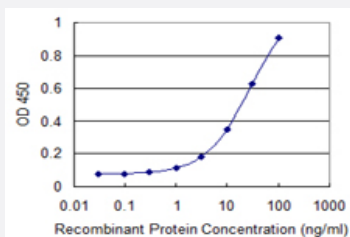


CDYL monoclonal antibody (M02), clone 1A6

Catalog # H00009425-M02

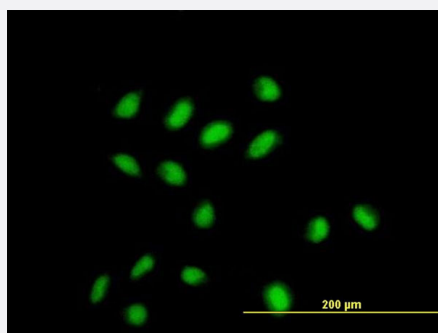
Size 100 ug

Applications



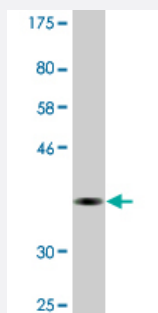
Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged CDYL is 0.3 ng/ml as a capture antibody.



Immunofluorescence

Immunofluorescence of monoclonal antibody to CDYL on HeLa cell . [antibody concentration 10 ug/ml]



Western Blot detection against Immunogen (37.62 KDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a partial recombinant CDYL.

Immunogen	CDYL (NP_004815.2, 153 a.a. ~ 260 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	LVIGKDHESKNSQLFAASQKFRKNTAPSLSSRKNDLAKSGIKILVPKSPVKSRRTAVDGFQSESP EKLDPVEQQQEDTVAPEVAAEKPVGALLGPGAERARMGSRPRI
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (97); Rat (97)
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (37.62 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged CDYL is 0.3 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

- Immunofluorescence

Immunofluorescence of monoclonal antibody to CDYL on HeLa cell . [antibody concentration 10 ug/ml]

Gene Info — CDYL

Entrez GeneID [9425](#)

GeneBank Accession# [NM_004824](#)

Protein Accession#	NP_004815.2
Gene Name	CDYL
Gene Alias	CDYL1, DKFZp586C1622, MGC131936
Gene Description	chromodomain protein, Y-like
Omim ID	603778
Gene Ontology	Hyperlink
Gene Summary	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 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]
Other Designations	CDY-like, autosomal OTTHUMP00000015984 bA620A17.2 (chromodomain protein, Y chromosome-like) chromodomain protein, Y chromosome-like chromodomain protein, Y chromosome-like, isoform b testis-specific chromodomain Y-like protein

Publication Reference

- [Chemoproteomics profiling of HDAC inhibitors reveals selective targeting of HDAC complexes.](#)

Bantscheff M, Hopf C, Savitski MM, Dittmann A, Grandi P, Michon AM, Schlegl J, Abraham Y, Becher I, Bergamini G, Boesche M, Delling M, Dumpelfeld B, Eberhard D, Huthmacher C, Mathieson T, Poeckel D, Reader V, Strunk K, Sweetman G, Kruse U, Neubauer G, Ramsden NG, Drewes G.

Nature Biotechnology 2011 Mar; 29(3):255.

Application: IP, Human, K-562 cells

Disease

- [Genetic Predisposition to Disease](#)
- [Thyroid Neoplasms](#)