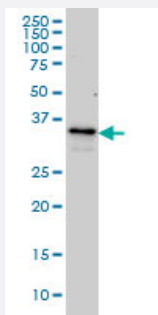


ZWINT monoclonal antibody (M01), clone 6D3

Catalog # H00011130-M01

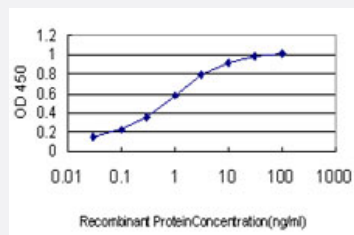
Size 100 ug

Applications



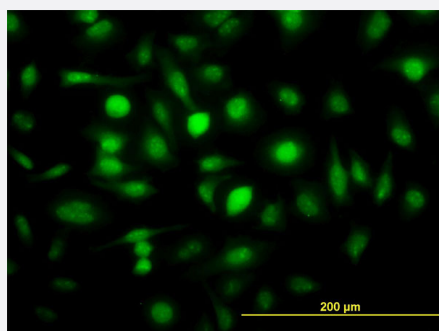
Western Blot (Cell lysate)

ZWINT monoclonal antibody (M01), clone 6D3 Western Blot analysis of ZWINT expression in HeLa S3 NE (Cat # L013V3).



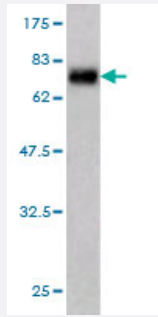
Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged ZWINT is approximately 0.03ng/ml as a capture antibody.



Immunofluorescence

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



Western Blot detection against Immunogen (56.21 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a full length recombinant ZWINT.
Immunogen	ZWINT (AAH20979, 1 a.a. ~ 277 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MEAAETEAEAAALEVLAEVAGILEPVGLQEEAELPAKILVEFVVDSSQKKDKLLCSQLQVADFLQNI LAQEDTAKGLDPLASEDTSRQKAIAAKEQWKELKATYREHVEAIKIGLTKALTQMEEAQRKRTQLR EAFEQLQAKKQMAMEKRRRAVQNQWQLQQEKHLQHLAEVSAEVRERKTGTQQELDGVFQKLG LKKQAEQERDKLQRYQTFLQLLYTLQGKLLFPEAEAEAENLPDDKPQQPTRPQEQTGDTMGRD PGVSFKAVGLQPAGDVNLP
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (59); Rat (58)
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (56.21 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 (Cell lysate)

ZWINT monoclonal antibody (M01), clone 6D3 Western Blot analysis of ZWINT expression in Hela S3 NE (Cat # L013V3).

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged ZWINT is approximately 0.03ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

- Immunofluorescence

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

Gene Info — ZWINT

Entrez GeneID [11130](#)

GeneBank Accession# [BC020979](#)

Protein Accession# [AAH20979](#)

Gene Name ZWINT

Gene Alias HZwint-1, KNTC2AP, MGC117174, ZWINT1

Gene Description ZW10 interactor

Omim ID [609177](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes a protein that is clearly involved in kinetochore function although an exact role is not known. It interacts with ZW10, another kinetochore protein, possibly regulating the association between ZW10 and kinetochores. The encoded protein localizes to prophase kinetochores before ZW10 does and it remains detectable on the kinetochore until late anaphase. It has a uniform distribution in the cytoplasm of interphase cells. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]

Other Designations OTTHUMP00000019626|OTTHUMP00000019628|human ZW10 interacting protein-1

Disease

- [Alzheimer disease](#)

- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Chromosomal Instability](#)
- [Genetic Predisposition to Disease](#)