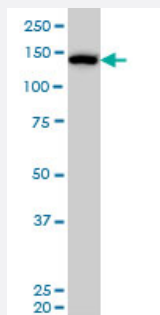


CAND1 monoclonal antibody (M01), clone 5D7

Catalog # H00055832-M01

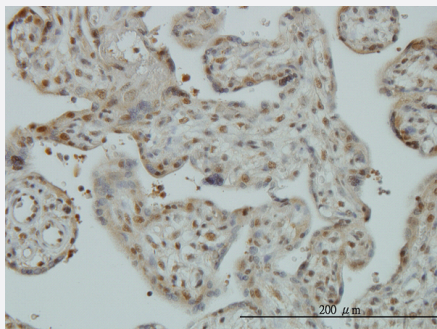
Size 100 ug

Applications



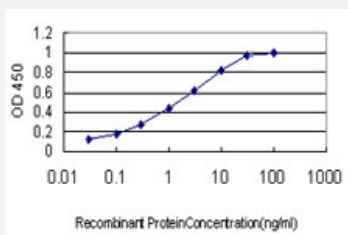
Western Blot (Cell lysate)

CAND1 monoclonal antibody (M01), clone 5D7 Western Blot analysis of CAND1 expression in HeLa S3 NE (Cat # L013V3).



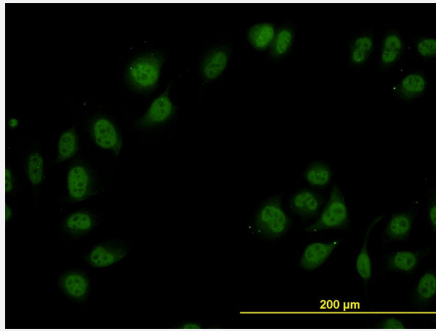
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunoperoxidase of monoclonal antibody to CAND1 on formalin-fixed paraffin-embedded human placenta. [antibody concentration 3 ug/ml]



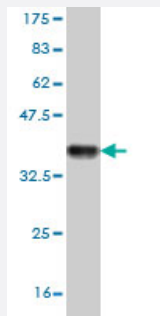
Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged CAND1 is approximately 0.03ng/ml as a capture antibody.



Immunofluorescence

Immunofluorescence of monoclonal antibody to CAND1 on HeLa cell. [antibody concentration 10 ug/ml]



Western Blot detection against Immunogen (36.74 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant CAND1.
Immunogen	CAND1 (NP_060918, 1 a.a. ~ 100 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MASASYHISNLLKMTSSDKDFRFRMATNDLMTLQKDSIKLDDDSERKVVKMILKLLLEDKNGEVQ NLAVKCLGPLVSKVKEYQVETIVDTLCTNMLSDKE
Host	Mouse
Reactivity	Human
Isotype	IgG1 Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.74 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)

CAND1 monoclonal antibody (M01), clone 5D7 Western Blot analysis of CAND1 expression in Hela S3 NE (Cat # L013V3).

[Protocol Download](#)

- Western Blot (Recombinant protein)

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- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

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[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged CAND1 is approximately 0.03ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

- Immunofluorescence

Immunofluorescence of monoclonal antibody to CAND1 on HeLa cell. [antibody concentration 10 ug/ml]

Gene Info — CAND1

Entrez GeneID	55832
GeneBank Accession#	NM_018448
Protein Accession#	NP_060918
Gene Name	CAND1
Gene Alias	DKFZp434M1414, FLJ10114, FLJ10929, FLJ38691, FLJ90441, KIAA0829, TIP120, TIP120A
Gene Description	cullin-associated and neddylation-dissociated 1
Omim ID	607727
Gene Ontology	Hyperlink
Other Designations	TBP interacting protein TBP-interacting protein TIP120 protein

Publication Reference

- [Targeting CAND1 promotes caspase-8/RIP1-dependent apoptosis in liver cancer cells.](#)

Che Z, Liu F, Zhang W, McGrath M, Hou D, Chen P, Song C, Yang D.

American Journal of Translational Research 2018 May; 10(5):1357.

Application: IHC-P, WB-Ti, WB-Tr, Human, Human liver cancer, LM6, SMMC7721 cells

- [Distinct outcomes of CRL-Nedd8 pathway inhibition reveal cancer cell plasticity.](#)

Rulina AV, Mittler F, Obeid P, Gerbaud S, Guyon L, Sulpice E, Kermarrec F, Assard N, Dolega ME, Gidrol X, Balakirev MY.

Cell Death & Disease 2016 Dec; 7(12):e2505.

Application: WB, Human, DuCap, LNCaP, PC3, VCap cells

- [CAND1 promotes PLK4-mediated centriole overduplication and is frequently disrupted in prostate cancer.](#)

Korzeniewski N, Hohenfellner M, Duensing S.

Neoplasia 2012 Sep; 14(9):799.

Application: IF, IHC-P, Human, Human prostate cancer, U2OS cells