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KNTC1 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a partial recombinant KNTC1.
Catalog # AT2645a

Product Information

Application	WB, IF, E
Primary Accession	P50748
Other Accession	NM_014708
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG2a Kappa
Clone Names	10H4
Calculated MW	250749

Additional Information

Gene ID	9735
Other Names	Kinetochore-associated protein 1, Rough deal homolog, HsROD, Rod, hRod, KNTC1, KIAA0166
Target/Specificity	KNTC1 (NP_055523, 2100 a.a. ~ 2209 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Dilution	WB~~1:500~1000 IF~~1:50~200 E~~N/A
Format	Clear, colorless solution in phosphate buffered saline, pH 7.2 .
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Precautions	KNTC1 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

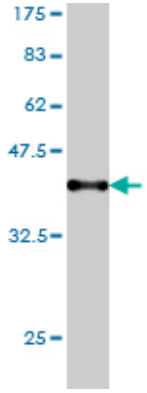
Background

This gene encodes a protein that is one of many involved in mechanisms to ensure proper chromosome segregation during cell division. Experimental evidence indicated that the encoded protein functioned in a similar manner to that of the Drosophila rough deal protein.

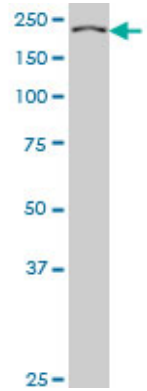
References

1.Modulations of cell cycle checkpoints during HCV associated disease.Sarfraz S, Hamid S, Ali S, Jafri W, Siddiqui AA.BMC Infect Dis. 2009 Aug 10;9:125.2.Mitotic control of kinetochore-associated dynein and spindle orientation by human Spindly.Chan YW, Fava LL, Uldschmid A, Schmitz MH, Gerlich DW, Nigg EA,

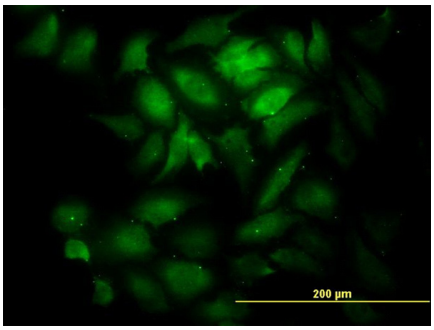
Images



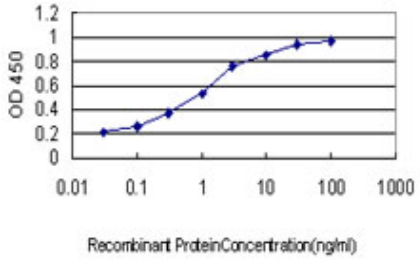
Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (37.84 KDa) .



KNTC1 monoclonal antibody (M01), clone 10H4 Western Blot analysis of KNTC1 expression in Hela S3 NE ((Cat # AT2645a)



Immunofluorescence of monoclonal antibody to KNTC1 on HeLa cell. [antibody concentration 50 ug/ml]



Detection limit for recombinant GST tagged KNTC1 is approximately 0.03ng/ml as a capture antibody.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.