10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

CDC2L5 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a full length recombinant CDC2L5.
Catalog # AT1460a

Product Information

Application	WB, IF
Primary Accession	Q14004
Other Accession	BC001274
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG1 kappa
Clone Names	1B3-1B11
Calculated MW	164923

Additional Information

Gene ID	8621
Other Names	Cyclin-dependent kinase 13, CDC2-related protein kinase 5, Cell division cycle 2-like protein kinase 5, Cell division protein kinase 13, hCDK13, Cholinesterase-related cell division controller, CDK13, CDC2L, CDC2L5, CHED, KIAA1791
Target/Specificity	CDC2L5 (AAH01274, 1 a.a. ~ 324 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Dilution	WB~~1:500~1000 IF~~1:50~200
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	CDC2L5 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

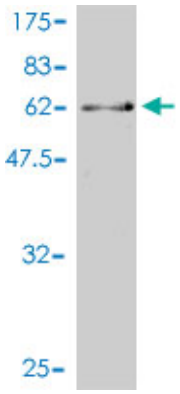
Background

The protein encoded by this gene is a member of the cyclin-dependent serine/threonine protein kinase family. Members of this family are well known for their essential roles as master switches in cell cycle control. The exact function of this protein has not yet been determined, but it may play a role in mRNA processing and may be involved in regulation of hematopoiesis. Alternatively spliced transcript variants have been described.

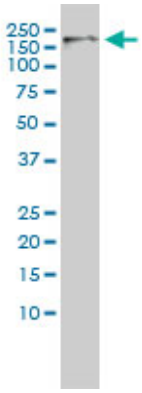
References

Cyclin-dependent kinases: a family portrait. Malumbres M, et al. Nat Cell Biol, 2009 Nov. PMID 19884882.Global, in vivo, and site-specific phosphorylation dynamics in signaling networks. Olsen JV, et al. Cell, 2006 Nov 3. PMID 17081983.A probability-based approach for high-throughput protein phosphorylation analysis and site localization. Beausoleil SA, et al. Nat Biotechnol, 2006 Oct. PMID 16964243.A systematic analysis of human CHMP protein interactions: additional MIT domain-containing proteins bind to multiple components of the human ESCRT III complex. Tsang HT, et al. Genomics, 2006 Sep. PMID 16730941.CDC2L5, a Cdk-like kinase with RS domain, interacts with the ASF/SF2-associated protein p32 and affects splicing in vivo. Even Y, et al. J Cell Biochem, 2006 Oct 15. PMID 16721827.

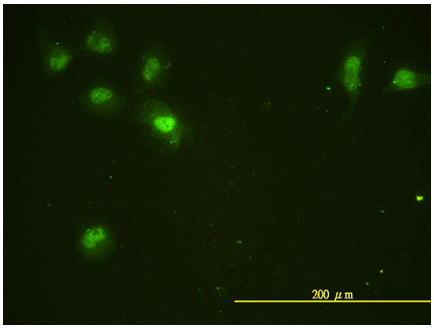
Images



Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (61.38 KDa) .



CDC2L5 monoclonal antibody (M01), clone 1B3-1B11. Western Blot analysis of CDC2L5 expression in Hela S3 NE ((Cat # AT1460a)



Immunofluorescence of monoclonal antibody to CDC2L5 on HeLa cell. [antibody concentration 10 ug/ml]

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