



# Mouse anti-Human CDK13 monoclonal antibody, clone 4H2 (CABT-B9930)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Immunogen</b>	CDC2L5 (AAH01274, 1 a.a. ~ 90 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
<b>Isotype</b>	IgG2a
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Clone</b>	4H2
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB,sELISA,ELISA
<b>Sequence Similarities</b>	MLPEDKEADSLRGNISVKAVKKEVEKKLRCLLADLPLPPELPGGDDLSKSPEEKKTATQL HSKRRPKICGPYGETKEKDIDWGKRCVDK
<b>Format</b>	Liquid
<b>Size</b>	100 µg
<b>Buffer</b>	In 1x PBS, pH 7.2
<b>Storage</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## BACKGROUND

<b>Introduction</b>	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
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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.[provided by RefSeq, Dec 2009]

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<b>Keywords</b>	CDK13; cyclin-dependent kinase 13; CHED; CDC2L; CDC2L5; hCDK13; CDC2-related protein kinase 5; cell division protein kinase 13; cell division cycle 2-like protein kinase 5; cholinesterase-related cell division controller;
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## GENE INFORMATION

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<b>Entrez Gene ID</b>	<a href="#">8621</a>
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<b>UniProt ID</b>	<a href="#">Q9BVE2</a>
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<b>Function</b>	ATP binding; RNA polymerase II carboxy-terminal domain kinase activity; cyclin-dependent protein kinase activity; nucleotide binding; protein binding; protein kinase activity
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