



# Mouse anti-Human CDK13 monoclonal antibody, clone 2C42C22 (CABT-B9929)

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

## PRODUCT INFORMATION

<b>Immunogen</b>	CDC2L5 (AAH01274, 1 a.a. ~ 325 a.a) full length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
<b>Isotype</b>	IgG1
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Clone</b>	2C42C22
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB,IF,ELISA
<b>Sequence Similarities</b>	MLPEDKEADSLRGNISVKAVKKEVEKKLRCLLADLPLPELPGGDDLSKSPEEKKTATQL HSKRPRKICGPRYGETKEKDIDWGKRCVDKFDIIGIGEGTYGQVYKARDKDTGEMVALK KVRLDNEKEGFPITAIREIKILRQLTHQSIINMKEIVTDKEDALDFKKDKGAFYLVFEYM DHDLMLGLESGLVHFNENHIKSFMRQLMEGLDYCHKKNFLHRDIKCSNILLNNRGQIKLA DFGLARLYSSEESRP
<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 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]
<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;

## GENE INFORMATION

<b>Entrez Gene ID</b>	<a href="#">8621</a>
<b>UniProt ID</b>	<a href="#">Q9BVE2</a>
<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