



## Mouse anti-Human CDK16 monoclonal antibody, clone 3F6 (CABT-B9931)

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

### PRODUCT INFORMATION

<b>Immunogen</b>	PCTK1 (AAH01048, 1 a.a. ~ 80 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>	3F6
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB, IF, IP, ELISA
<b>Sequence Similarities</b>	MDRMKKIKRQLSMTLRGGRGIDKTNGAPEQIGLDESGGGGSDPGEAPTRAAPGELRSAR GPLSSAPEIVHEDLKMGSIG
<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 belongs to the cdc2/cdkx subfamily of the ser/thr family of protein kinases. It may play a role in signal transduction cascades in terminally differentiated
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cells; in exocytosis; and in transport of secretory cargo from the endoplasmic reticulum. This gene is thought to escape X inactivation. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Dec 2009]

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<b>Keywords</b>	CDK16; cyclin-dependent kinase 16; PCTK1; PCTAIRE; PCTAIRE1; PCTGAIRE; PCTAIRE-motif protein kinase 1; cell division protein kinase 16; serine/threonine-protein kinase PCTAIRE-1;
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## GENE INFORMATION

<b>Entrez Gene ID</b>	<a href="#">5127</a>
<b>UniProt ID</b>	<a href="#">Q9BRL4</a>
<b>Function</b>	ATP binding; cyclin-dependent protein kinase activity; nucleotide binding; protein binding; protein kinase activity; protein kinase activity; protein serine/threonine kinase activity; transferase activity, transferring phosphorus-containing groups

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