



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

Immunogen	PCTK1 (AAH01048, 1 a.a. ~ 80 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Isotype	IgG2a
Source/Host	Mouse
Species Reactivity	Human
Clone	3F6
Conjugate	Unconjugated
Applications	WB,IF,IP,ELISA
Sequence Similarities	MDRMKKIKRQLSMTLRGGRGIDKTNGAPEQIGLDESGGGGGSDPGEAPTRAAPGELRSAR GPLSSAPEIVHEDLKMGS DG
Format	Liquid
Size	100 µg
Buffer	In 1x PBS, pH 7.2
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

BACKGROUND

Introduction	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]

Keywords	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

Entrez Gene ID	5127
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UniProt ID	Q9BRL4
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Function	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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