



Mouse anti-Human CDKL3 monoclonal antibody, clone 5G2 (CABT-B9932)

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

PRODUCT INFORMATION

Immunogen	CDKL3 (AAH41799, 322 a.a. ~ 420 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	5G2
Conjugate	Unconjugated
Applications	WB,sELISA,ELISA
Sequence Similarities	NELRKDERKTVYNTLSSSVLGKEIEKEKKPKEIKVVRVIKVKGGRGDISEPKKKEYEGG LGQQDANENVHPMSPDTKLVTIEPPNPINPSTNCNGLKE*
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 is a member of cyclin-dependent protein kinase (CDK) family. CDK family members are highly similar to the gene products of <i>Saccharomyces cerevisiae</i>
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cdc28, and *Schizosaccharomyces pombe* cdc2, and are known to be important regulators of cell cycle progression. This gene was identified as a gene absent in leukemic patients with chromosome 5q deletion. This loss may be an important determinant of dysmyelopoiesis. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Jul 2008]

Keywords	CDKL3; cyclin-dependent kinase-like 3; NKIAMRE; serine-threonine protein kinase NKIAMRE; serine/threonine-protein kinase NKIAMRE;
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GENE INFORMATION

Entrez Gene ID	51265
UniProt ID	Q8IVW4
Function	ATP binding; cyclin-dependent protein kinase activity; nucleotide binding; protein kinase activity
