



# NKIAMRE Monoclonal Antibody

Catalog No	BYmab-16755
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB
Gene Name	CDKL3
Protein Name	Cyclin-dependent kinase-like 3
Immunogen	The antiserum was produced against synthesized peptide derived from human CDKL3. AA range:291-340
Specificity	NKIAMRE Monoclonal Antibody detects endogenous levels of NKIAMRE protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	CDKL3; NKIAMRE; Cyclin-dependent kinase-like 3; Serine/threonine-protein kinase NKIAMRE
Observed Band	67kD
Cell Pathway	Cytoplasm .
Tissue Specificity	Fetal heart,Testis,
Function	catalytic activity:ATP + a protein = ADP + a phosphoprotein.,domain:The [NKR]KIAxRE motif seems to be a cyclin-binding region.,similarity:Belongs to the protein kinase superfamily. CMGC Ser/Thr protein kinase family. CDC2/CDKX subfamily.,similarity:Contains 1 protein kinase domain.,
Background	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 cdc28</i> , and <i>Schizosaccharomyces pombe cdc2</i> , 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

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splicing results in multiple transcript variants encoding different isoforms.  
[provided by RefSeq, Jul 2008],

**matters needing  
attention**

Avoid repeated freezing and thawing!

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

## Products Images

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