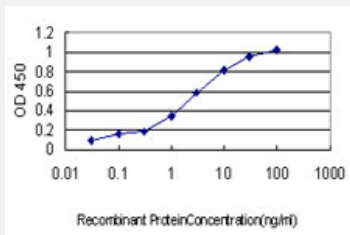


CDKL5 monoclonal antibody (M01), clone 1D9

Catalog # H00006792-M01

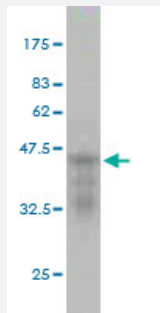
Size 100 ug

Applications



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged CDKL5 is approximately 0.1ng/ml as a capture antibody.



Western Blot detection against Immunogen (37.73 KDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a partial recombinant CDKL5.

Immunogen

CDKL5 (AAH36091, 722 a.a. ~ 831 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Sequence

RPDNSFHENNVSTRVSSLPSESSSGTNHSKRQPAFDPWKSPENISHSEQLKEKEKQGFFRSMK
KKKKKSQTVPNSDSPDLLTLQKSIHSASTPSSRPKEWRPEKISDLQT

Host

Mouse

Reactivity

Human

Interspecies Antigen Sequence	Mouse (90)
Isotype	IgG1 kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (37.73 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged CDKL5 is approximately 0.1ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — CDKL5

Entrez GeneID	6792
GeneBank Accession#	BC036091
Protein Accession#	AAH36091
Gene Name	CDKL5
Gene Alias	ISSX, STK9
Gene Description	cyclin-dependent kinase-like 5
Omim ID	300203 308350 312750
Gene Ontology	Hyperlink

Gene Summary

This gene is a member of Ser/Thr protein kinase family and encodes a phosphorylated protein with protein kinase activity. Mutations in this gene have been associated with X-linked infantile spasm syndrome (ISSX), also known as X-linked West syndrome, and Rett syndrome (RTT). Alternate transcriptional splice variants have been characterized. [provided by RefSeq]

Other Designations

OTTHUMP00000023002|OTTHUMP00000023003|serine/threonine kinase 9

Disease

- [Chromosome Deletion](#)
- [Developmental Disabilities](#)
- [Epilepsy](#)
- [Genetic Predisposition to Disease](#)
- [Mental Retardation](#)
- [Rett syndrome](#)
- [Seizures](#)
- [Spasms](#)