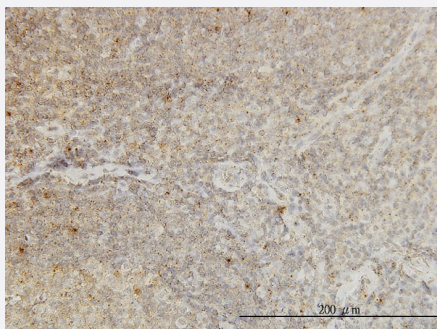


CDKL4 monoclonal antibody (M01), clone 5G3

Catalog # H00344387-M01

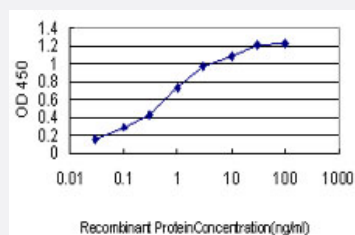
Size 100 ug

Applications



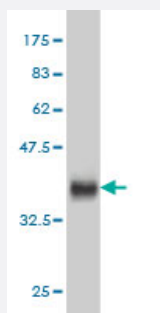
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunoperoxidase of monoclonal antibody to CDKL4 on formalin-fixed paraffin-embedded human tonsil. [antibody concentration 3 ug/ml]



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged CDKL4 is approximately 0.03ng/ml as a capture antibody.



Western Blot detection against Immunogen (36.63 KDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a partial recombinant CDKL4.

Immunogen	CDKL4 (AAV63975, 196 a.a. ~ 295 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	TGQPLWPGKSDVDQLYLIRTLGKLIPRHQSIFKSNNGFFHGSIPEPEDMETLEEKFSVDVHPVALNFMKGCLKMNPDDRLTCSQLLESSYFDSFQEAQIK
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (87)
Isotype	IgG1 Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.63 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](#)

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunoperoxidase of monoclonal antibody to CDKL4 on formalin-fixed paraffin-embedded human tonsil. [antibody concentration 3 ug/ml]

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged CDKL4 is approximately 0.03ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — CDKL4

Entrez GeneID

[344387](#)

GeneBank Accession#	NM_001009565
Protein Accession#	AAV63975
Gene Name	CDKL4
Gene Alias	-
Gene Description	cyclin-dependent kinase-like 4
Gene Ontology	Hyperlink
Other Designations	OTTHUMP00000164944

Disease

- [Angelman Syndrome](#)
- [Autistic Disorder](#)
- [Epilepsy](#)
- [Rett syndrome](#)
- [Seizures](#)