

Datasheet for ABIN567038  
**anti-CDKL4 antibody (AA 196-295)**[Go to Product page](#)

## 3 Images

## Overview

Quantity:	100 µg
Target:	CDKL4
Binding Specificity:	AA 196-295
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CDKL4 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

## Product Details

Purpose:	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:	TGQPLWPGKS DVDQLYLIR TLGKLIPRHQ SIFKSNGFFH GISIPEPEDM ETLEEKFSDV HPVALNFMKG CLKMNPDDR L TCSQLLESSY FDSFQEAQIK
Clone:	5G3
Isotype:	IgG1
Cross-Reactivity:	Human
Characteristics:	Antibody Reactive Against Recombinant Protein.

## Target Details

Target:	CDKL4
Alternative Name:	CDKL4 ( <a href="#">CDKL4 Products</a> )
Background:	Full Gene Name: cyclin-dependent kinase-like 4 Synonyms:
Gene ID:	344387
NCBI Accession:	<a href="#">NM_001009565</a>

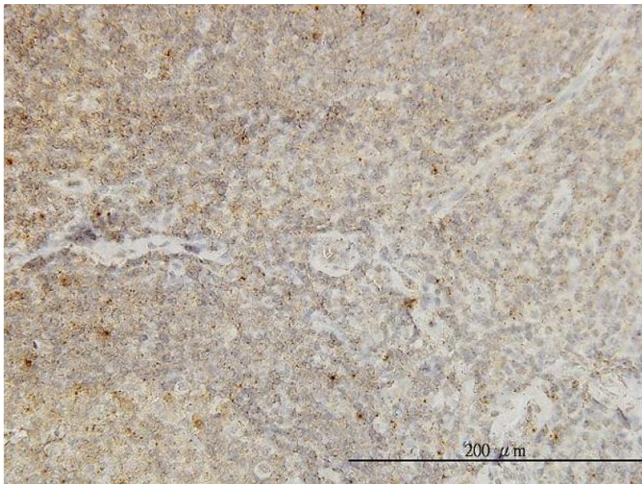
## Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

## Handling

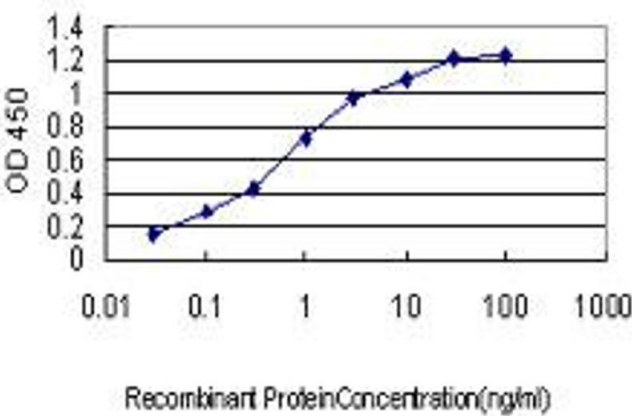
Buffer:	In 1x PBS, pH 7.4
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## Images



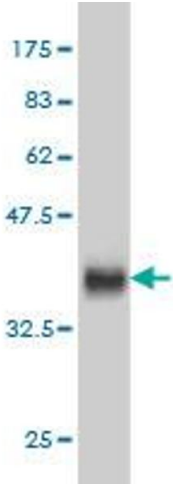
### Immunostaining

**Image 1.** Immunoperoxidase of monoclonal antibody to CDKL4 on formalin-fixed paraffin-embedded human tonsil. [antibody concentration 3 ug/ml]



### ELISA

**Image 2.** Detection limit for recombinant GST tagged CDKL4 is approximately 0.03ng/ml as a capture antibody.



### Western Blotting

**Image 3.** Western Blot detection against Immunogen (36.63 kDa) .