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Datasheet for ABIN563054
anti-CDKL5 antibody (AA 722-831)

2 Images

Overview

Quantity:	100 µg
Target:	CDKL5
Binding Specificity:	AA 722-831
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CDKL5 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	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:	RPDNSFHENN VSTRVSSLPS ESSSGTNHNSK RQPAFDPWKS PENISHSEQL KEKEKQGFFR SMKKKKKKKSQ TVPNSDSPDL LTLQKSIHSA STPSSRPKEW RPEKISDLQT
Clone:	1D9
Isotype:	IgG1
Cross-Reactivity:	Human
Characteristics:	Antibody Reactive Against Recombinant Protein.

Target Details

Target:	CDKL5
Alternative Name:	CDKL5 (CDKL5 Products)
Background:	Full Gene Name: cyclin-dependent kinase-like 5 Synonyms: ISSX,STK9
Gene ID:	6792
Pathways:	Regulation of Cell Size

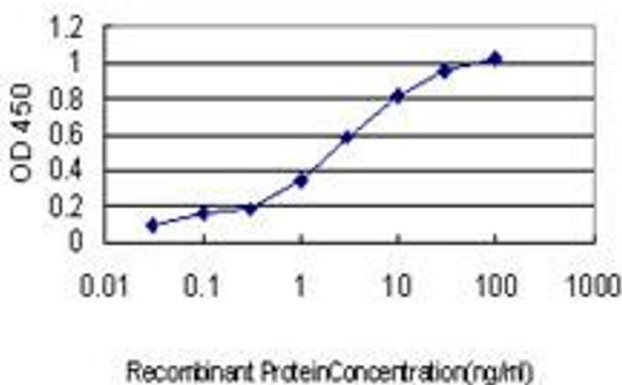
Application Details

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

Handling

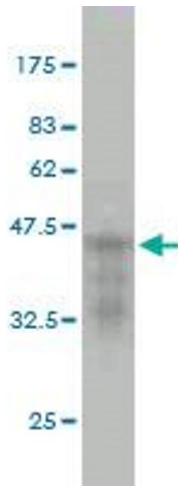
Buffer:	In 1x PBS, pH 7.4
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Images



ELISA

Image 1. Detection limit for recombinant GST tagged CDKL5 is approximately 0.1 ng/ml as a capture antibody.



Western Blotting

Image 2. Western Blot detection against Immunogen (37.73 KDa).