

Datasheet for ABIN514284
anti-CDK5 antibody (AA 195-292)

3 Images

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Overview

Quantity:	200 µL
Target:	CDK5
Binding Specificity:	AA 195-292
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CDK5 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	Mouse monoclonal antibody raised against a partial recombinant CDK5.
Immunogen:	CDK5 (AAH05115, 195 a.a. ~ 292 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	LANAGRPLFP GNDVDDQLKR IFRLLGTPTE EQWPSMTKLP DYKPYPMPYA TTSLVNVVPK LNATGRDLLQ NLLKCNPVQR ISAEELQHP YFSDFCPP
Clone:	1A2
Isotype:	IgM kappa
Cross-Reactivity:	Human

Target Details

Target:	CDK5
Alternative Name:	CDK5 (CDK5 Products)
Background:	Full Gene Name: cyclin-dependent kinase 5 Synonyms: PSSALRE
Gene ID:	1020
Pathways:	Cell Division Cycle , Regulation of Muscle Cell Differentiation , Synaptic Membrane , Regulation of Cell Size , Skeletal Muscle Fiber Development , Synaptic Vesicle Exocytosis

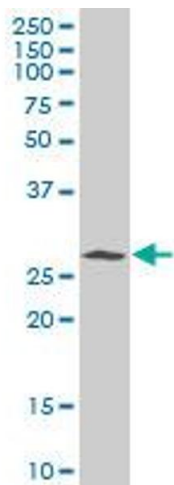
Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Comment:	Product Quality tested by: Antibody Reactive Against Recombinant Protein.
Restrictions:	For Research Use only

Handling

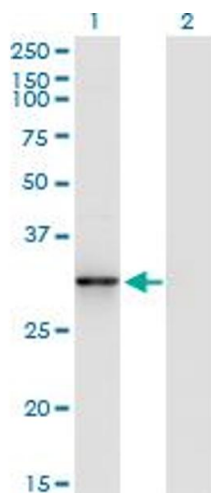
Format:	Liquid
Buffer:	In ascites fluid
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Images



Western Blotting

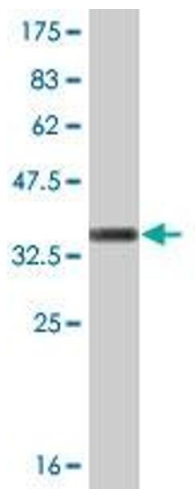
Image 1. CDK5 monoclonal antibody (M01A), clone 1A2. Western Blot analysis of CDK5 expression in human lung cancer.



Western Blotting

Image 2. Western Blot analysis of CDK5 expression in transfected 293T cell line by CDK5 monoclonal antibody (M01A), clone 1A2.

Lane 1: CDK5 transfected lysate (Predicted MW: 33.3 kDa).
Lane 2: Non-transfected lysate.



Western Blotting

Image 3. Western Blot detection against Immunogen (36.41 kDa) .