

Datasheet for ABIN514298  
**anti-CDKN1B antibody (AA 100-198)**



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3 Images

## Overview

Quantity:	100 µg
Target:	CDKN1B
Binding Specificity:	AA 100-198
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CDKN1B antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

## Product Details

Purpose:	Mouse monoclonal antibody raised against a partial recombinant CDKN1B.
Immunogen:	CDKN1B (ENSP00000228872, 100 a.a. ~ 198 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	KVPAQESQDV SGRPAAPLI GAPANSEDTH LVDPKTDPSD SQTGLAEQCA GIRKRPATDD SSTQNKRANR TEENVSDGSP NAGSVEQTPK KPGLRRRQT
Clone:	2F4
Isotype:	IgG2b
Cross-Reactivity:	Human
Characteristics:	Antibody Reactive Against Recombinant Protein.

## Target Details

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Target:	CDKN1B
Alternative Name:	CDKN1B ( <a href="#">CDKN1B Products</a> )
Background:	Full Gene Name: cyclin-dependent kinase inhibitor 1B (p27, Kip1) Synonyms: CDKN4,KIP1,MEN1B,MEN4,P27KIP1
Gene ID:	1027
NCBI Accession:	<a href="#">NM_004064</a>
Pathways:	<a href="#">Cell Division Cycle</a> , <a href="#">Fc-epsilon Receptor Signaling Pathway</a> , <a href="#">EGFR Signaling Pathway</a> , <a href="#">Neurotrophin Signaling Pathway</a> , <a href="#">Positive Regulation of Peptide Hormone Secretion</a> , <a href="#">Negative Regulation of Hormone Secretion</a> , <a href="#">Sensory Perception of Sound</a> , <a href="#">Mitotic G1-G1/S Phases</a> , <a href="#">DNA Replication</a> , <a href="#">Positive Regulation of Endopeptidase Activity</a> , <a href="#">Synthesis of DNA</a> , <a href="#">Autophagy</a>

## Application Details

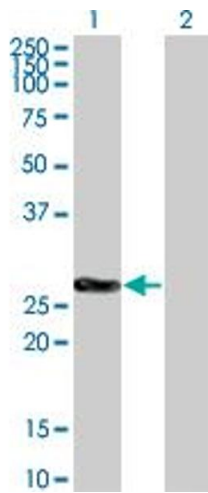
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Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

## Handling

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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.

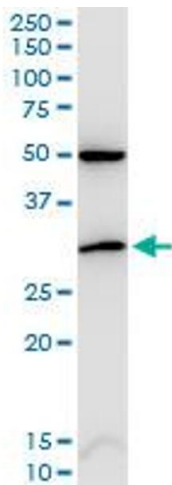


### Western Blotting

**Image 1.** Western Blot analysis of CDKN1B expression in transfected 293T cell line by CDKN1B monoclonal antibody (M02), clone 2F4.

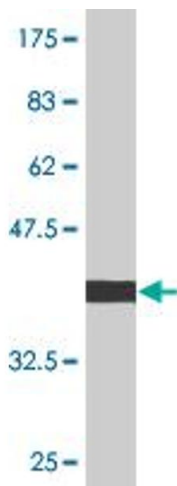
Lane 1: CDKN1B transfected lysate(22.1 KDa).

Lane 2: Non-transfected lysate.



### Western Blotting

**Image 2.** CDKN1B monoclonal antibody (M02), clone 2F4. Western Blot analysis of CDKN1B expression in A-431.



### Western Blotting

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