Datasheet for ABIN951758

anti-Cyclin G1 antibody (C-Term)

2 Images

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Overview

Quantity:	0.4 mL
Target:	Cyclin G1 (CCNG1)
Binding Specificity:	AA 249-280, C-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Cyclin G1 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	KLH conjugated synthetic peptide between 249-280 amino acids from the C-terminal region of human CCNG1
Isotype:	Ig Fraction
Specificity:	This antibody reacts to CCNG1.
Cross-Reactivity (Details):	Species reactivity (tested):Mouse.
Purification:	Saturated Ammonium Sulfate (SAS) precipitation

Target Details

Target:	Cyclin G1 (CCNG1)
Alternative Name:	Cyclin G1 (CCNG1 Products)

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Target Details

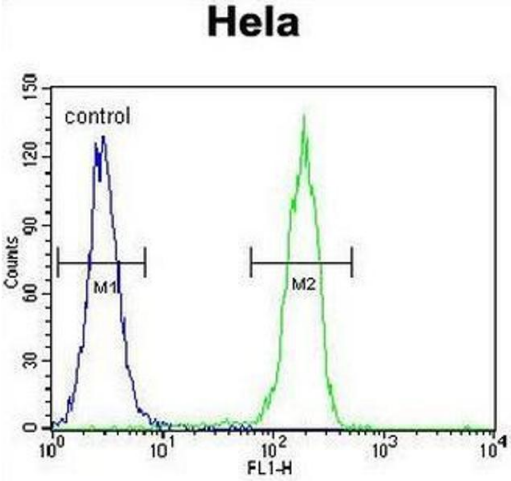
Background:	The eukaryotic cell cycle is governed by cyclin-dependent protein kinases (CDKs) whose activities are regulated by cyclins and CDK inhibitors. The protein encoded by this gene is a member of the cyclin family and contains the cyclin box. The encoded protein lacks the protein destabilizing (PEST) sequence that is present in other family members. Transcriptional activation of this gene can be induced by tumor protein p53. Two transcript variants encoding the same protein have been identified for this gene. [provided by RefSeq].Synonyms: CCNG, CCNG1, CYCG1, Cyclin-G, Cyclin-G1
Molecular Weight:	34074 Da
Gene ID:	900
NCBI Accession:	NP_004051
Pathways:	p53 Signaling

Application Details

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

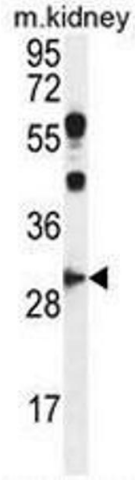
Handling

Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	PBS, 0.09 % (W/V) sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



Flow Cytometry

Image 1. CCNG1 Antibody (C-term) flow cytometric analysis of Hela cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



Western Blotting

Image 2. CCNG1 Antibody (C-term) western blot analysis in mouse kidney tissue lysates (35µg/lane).This demonstrates the CCNG1 antibody detected the CCNG1 protein (arrow).