Datasheet for ABIN3028594

anti-Cyclin C antibody (AA 1-30)

3 Images

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Overview

Quantity:	0.4 mL
Target:	Cyclin C (CCNC)
Binding Specificity:	AA 1-30
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Cyclin C antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Flow Cytometry (FACS)

Product Details

Immunogen:	A portion of amino acids 1-30 from the human protein was used as the immunogen for this Cyclin C antibody.
Isotype:	Ig Fraction
Purification:	Purified

Target Details

Target:	Cyclin C (CCNC)
Abstract:	CCNC Products
Background:	The protein encoded by this gene is a member of the cyclin family of proteins. The encoded protein interacts with cyclin-dependent kinase 8 and induces the phophorylation of the carboxy-terminal domain of the large subunit of RNA polymerase II. The level of mRNAs for this gene

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Target Details

	peaks in the G1 phase of the cell cycle. Two transcript variants encoding different isoforms have been found for this gene.
UniProt:	P24863
Pathways:	Cell Division Cycle, Regulation of Lipid Metabolism by PPARalpha

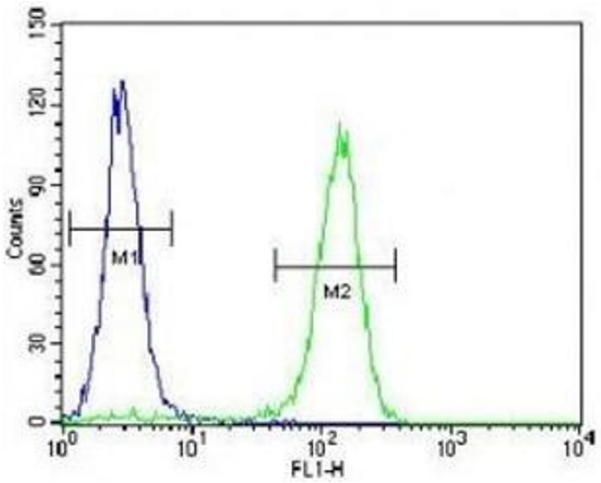
Application Details

Application Notes:	Titration of the Cyclin C antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. Western blot: 1:1000,Flow Cytometry: 1:10-1:50
Restrictions:	For Research Use only

Handling

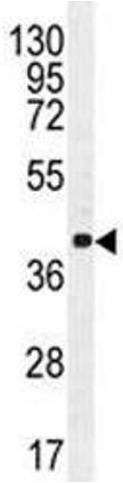
Format:	Liquid
Buffer:	In 1X PBS, pH 7.4, with 0.09 % sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Aliquot the Cyclin C antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.

Images



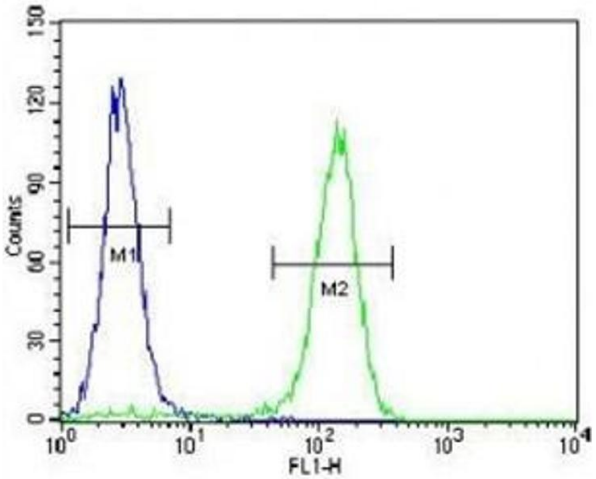
Flow Cytometry

Image 1. Cyclin C antibody flow cytometric analysis of HeLa cells (right histogram) compared to a negative control (left histogram). FITC-conjugated goat-anti-rabbit secondary Ab was used for the analysis.



Western Blotting

Image 2. Cyclin C antibody western blot analysis in NCI-H460 lysate. Predicted molecular weight: 33-37 kDa



Flow Cytometry

Image 3. Cyclin C antibody flow cytometric analysis of HeLa cells (right histogram) compared to a negative control (left histogram). FITC-conjugated goat-anti-rabbit secondary Ab was used for the analysis.

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