



# Anti-CDC16 monoclonal antibody (DCABH-10936)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Antigen Description</b>	This gene encodes a component protein of the APC complex, which is composed of eight proteins and functions as a protein ubiquitin ligase. The APC complex is a cyclin degradation system that governs exit from mitosis. Each component protein of the APC complex is highly conserved among eukaryotic organisms. This protein and two other APC complex proteins, CDC23 and CDC27, contain a tetratricopeptide repeat (TPR), a protein domain that may be involved in protein-protein interaction. Multiple alternatively spliced variants, encoding the same protein, have been identified.
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<b>Immunogen</b>	A synthetic peptide of human CDC16 is used for rabbit immunization.
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Human
<b>Purification</b>	Protein A
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	Western Blot (Transfected lysate); ELISA
<b>Buffer</b>	In 1x PBS, pH 7.4
<b>Preservative</b>	None
<b>Storage</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">CDC16 cell division cycle 16 homolog (S. cerevisiae) [ Homo sapiens ]</a>
<b>Official Symbol</b>	CDC16
<b>Synonyms</b>	CDC16; cell division cycle 16 homolog (S. cerevisiae); CDC16 (cell division cycle 16, S. cerevisiae, homolog) , CDC16 cell division cycle 16 homolog (S. cerevisiae); cell division cycle protein 16 homolog; ANAPC6; anaphase promoting complex; subunit 6; APC6; CUT9; CDC16Hs; cyclosome subunit 6; anaphase-promoting complex subunit 6; anaphase-promoting complex, subunit 6;
<b>Entrez Gene ID</b>	<a href="#">8881</a>
<b>Protein Refseq</b>	<a href="#">NP_001072113</a>
<b>UniProt ID</b>	<a href="#">A0A024RDZ2</a>
<b>Chromosome Location</b>	13q34
<b>Pathway</b>	APC/C complex, organism-specific biosystem; APC/C complex, conserved biosystem; APC/C-mediated degradation of cell cycle proteins, organism-specific biosystem; APC/C:Cdc20 mediated degradation of Cyclin B, organism-specific biosystem; APC/C:Cdc20 mediated degradation of Securin, organism-specific biosystem; APC/C:Cdc20 mediated degradation of mitotic proteins, organism-specific biosystem; APC/C:Cdh1 mediated degradation of Cdc20 and other APC/C:Cdh1 targeted proteins in late mitosis/early G1, or
<b>Function</b>	binding; protein binding;