

## CDC2(Ab-19) Antibody

Catalog No: #21529



Package Size: #21529-1 50ul #21529-2 100ul #21529-4 25ul

## Overview

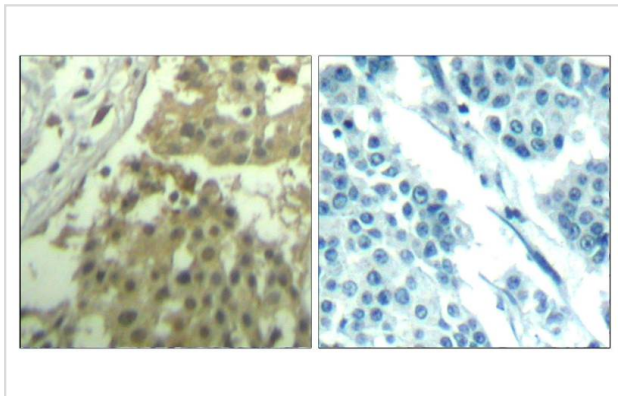
Product Name	CDC2(Ab-19) Antibody
Host Species	Rabbit
Clonality	Polyclonal
Applications	IHC
Species Reactivity	Hu Rt
Immunogen Type	Peptide-KLH
Target Name	CDC2
Alternative Names	CDC28; CDC2A; CDK1; Cyclin-dependent kinase 1;

## Application Details

Predicted MW: 34kd

Immunohistochemistry: 1:50~1:100

## Images



Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using CDC2(Ab-19) Antibody #21529(left) or the same antibody preincubated with blocking peptide(right).

## Descriptions

Immunogen	Peptide sequence around aa.17~21 (V-V-Y-K-G) derived from Human CDC2.
Specificity	The antibody detects endogenous level of total CDC2 protein.
Purification	Antibodies were produced by immunizing rabbits with synthetic peptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific peptide.
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C for long term preservation (recommended). Store at 4°C for short term use.
Accession NO.	Swiss-Prot: P06493NCBI Protein: NP_001163877.1

## Related Information

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Plays a key role in the control of the eukaryotic cell cycle. It is required in higher cells for entry into S-phase and mitosis. p34 is a component of the kinase complex that phosphorylates the repetitive C-terminus of RNA polymerase II.

Hunter, T. (1995) *Cell* 80, 225-236.

Wells, N.J. et al. (1999) *J. Cell. Sci.* 112, 3361-3371.

McGowan, C.H. and Russell, P. (1993) *EMBO J.* 12, 75-85.

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Note: This product is for in vitro research use only and is not intended for use in humans or animals.