

9853 Pacific Heights Blvd. Suite D. San Diego, CA 92121, USA Tel: 858-263-4982

Email: info@abeomics.com

## 35-1737: Polyclonal Antibody to CDC2 (Ab-19)

Clonality: Polyclonal

Application: IHC
Reactivity: Human
Gene: CDK1
Gene ID: 983
Uniprot ID: P06493
Format: Purified

Alternative Name: CDC28, CDC2A, CDK1, Cyclin-dependent kinase 1, Cell division control protein 2 homolog, p34

protein kinase

Isotype: Rabbit IgG

Immunogen Information: Peptide sequence around aa.17~21 (V-V-Y-K-G) derived from Human CDC2.

## **Description**

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.

## **Product Info**

**Amount**: 50 μl / 100 μl

Content: Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM

NaCl, 0.02% sodium azide and 50% glycerol.

Storage condition:

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Store the antibody at 4°C, stable for 6 months. For long-term storage, store at -20°C. Avoid

repeated freeze and thaw cycles.

## **Application Note**

Predicted MW: 34kd, Immunohistochemistry: 1:50~1:100

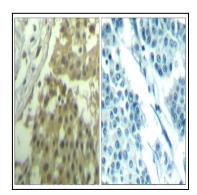


Figure 1: Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using CDC2(Ab-19) Antibody 35-1737 (left) or the same antibody preincubated with blocking peptide(right).