

## 39-1081: Anti-p34cdc2 Monoclonal Antibody (Clone: A17)

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	A17
<b>Application :</b>	WB,IHC-P,IHC-F
<b>Reactivity :</b>	Human
<b>Gene :</b>	Cdk1
<b>Gene ID :</b>	54237
<b>Uniprot ID :</b>	P39951
<b>Alternative Name :</b>	Cyclin-dependent kinase 1; CDK1; 2.7.11.22; 2.7.11.23; Cell division control protein 2 homolog; Cell division protein kinase 1; p34 protein kinase; Cdk1; Cdc2, Cdc2a, Cdkn1
<b>Isotype :</b>	Mouse IgG2a
<b>Immunogen Information :</b>	C-terminal two-thirds of Xenopus p34cdc2 expressed in E.coli.

### Description

P34(cdc2), also known as cell division cycle(CDC2), or cyclin-dependent kinase 1(CDK1). CDC2 is a catalytic subunit of a protein kinase complex, called the M-phase promoting factor, that induces entry into mitosis and is universal among eukaryotes. In HeLa cells CDC2 is the most abundant phosphotyrosine-containing protein and its phosphotyrosine content is subject to cell cycle regulation. CDC2 gene is located on chromosome 10.

### Product Info

<b>Amount :</b>	100 µg/vial
<b>Purification :</b>	Ascites
<b>Content :</b>	Mouse ascites fluid, 1.2% sodium acetate, 2mg BSA, with 0.01mg NaN <sub>3</sub> as preservative. Reconstitute : Add 1ml of PBS buffer will yield a concentration of 100ug/ml.
<b>Storage condition :</b>	At -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for a longer time. Avoid repeated freezing and thawing.

### Application Note

Western blot : 0.5-1 µg/ml; Immunohistochemistry(Paraffin-embedded Section) : 1-2 µg/ml;  
Immunohistochemistry(Frozen Section) : 1-2 µg/ml