

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

Clonality :	Monoclonal
Clone Name :	A17
Application :	WB,IHC-P,IHC-F
Reactivity :	Human
Gene :	Cdk1
Gene ID :	54237
Uniprot ID :	P39951
Alternative Name :	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
Isotype :	Mouse IgG2a
Immunogen Information :	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

Amount :	100 µg/vial
Purification :	Ascites
Content :	Mouse ascites fluid, 1.2% sodium acetate, 2mg BSA, with 0.01mg NaN ₃ as preservative. Reconstitute : Add 1ml of PBS buffer will yield a concentration of 100ug/ml.
Storage condition :	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