

39-1019: Anti-CDK4 Monoclonal Antibody (Clone: DCS-31)

Clonality :	Monoclonal
Clone Name :	DCS-31
Application :	WB, ICC
Reactivity :	Human
Gene :	CDK4
Gene ID :	1019
Uniprot ID :	P11802
Alternative Name :	Cell division protein kinase 4, PSK-J3
Isotype :	Mouse IgG2a
Immunogen Information :	Recombinant human Cdk4 protein.

Description

Cyclin-dependent kinase-4 (CDK4) is a protein-serine kinase involved in the cell cycle. Human cell division is regulated primarily at the G1-to-S or the G2-to-M boundaries within the cell cycle. The complexes formed by CDK4 and the D-type cyclins are involved in the control of cell proliferation during the G1 phase. CDK4 is inhibited by p16, also known as cyclin-dependent kinase inhibitor-2. CDK4 is mapped to 12q14. CDK4 expression and activity are required for cytokine responsiveness in T cells.

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; Immunocytochemistry : 1 µg/ml