

### 39-1078: Anti-p16INK4a/CDKN2 Monoclonal Antibody (Clone: DCS-50)

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	DCS-50
<b>Application :</b>	WB,IHC-F,ICC
<b>Reactivity :</b>	Human
<b>Gene :</b>	Cdkn2a
<b>Gene ID :</b>	25163
<b>Uniprot ID :</b>	Q9R0Z3
<b>Alternative Name :</b>	Cyclin-dependent kinase inhibitor 2A ; Cyclin-dependent kinase 4 inhibitor A; CDK4I; p16-INK4a; p16; p16-INK4; Cdkn2a ; P16ink4a
<b>Isotype :</b>	Mouse IgG1
<b>Immunogen Information :</b>	Recombinant human p16 protein.

#### Description

p16(INK4A), also known as cyclin-dependent kinase inhibitor 2A(CDKN2A), or multiple tumor suppressor 1(MTS1). The p16 gene(CDKN2A) was mapped to 9p21. The p16 gene encodes a negative regulator of the cell cycle. CDKN2 plays an important role during tumorigenesis or tumor progression in a significant proportion of pancreatic adenocarcinomas. Germ-line mutations in the CDKN2A tumor-suppressor gene have been linked to the development of melanoma in some families with inherited melanoma.

#### 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(Frozen Section) : 1-2 µg/ml; Immunocytochemistry : 1 µg/ml