

p16INK4a Antibody [clone DCS-50] (R30064)

Catalog No.	Formulation	Size
R30064	0.5mg/ml with 1% BSA and 0.01% sodium azide if reconstituted with 0.2ml sterile 1X PBS	100 ug

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Availability	1-3 business days
Species Reactivity	Human
Format	Ascites
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG1
Clone Name	DCS-50
Purity	Ascites
Gene ID	1029
Applications	Western Blot : 0.5-1ug/ml IHC (Frozen) : 1-2ug/ml--formalin or acetone fixed tissues Immunocytochemistry : Suitable
Limitations	This p16INK4a antibody is available for research use only.



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.

Application Notes

The stated application concentrations are suggested starting amounts. Titration of the p16INK4a antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

Recombinant human p16 protein was used as the immunogen for this p16INK4a antibody.

Storage

After reconstitution, the p16INK4a antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.