

Mouse anti-P16, clone DSC-50 (Monoclonal)

Clone no. DCS-50

MONOSAN

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Product name	Mouse anti-P16, clone DSC-50 (Monoclonal)
Host	Mouse
Applications	IHC-fr, IHC-P (1:10), IF, FC, WB
Species reactivity	Human
Conjugate	-
Immunogen	Recombinant human p16 protein
Isotype	IgG1
Clonality	Monoclonal
Clone number	DCS-50
Size	50 µg
Concentration	n/a
Format	-
Storage buffer	Lyophilized; reconstitute in 1 ml dist. water (final solution contains 0.09% sodium azide, 0.5% BSA in PBS buffer, pH 7.4)
Storage until expiry date	2-8°C

FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES

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**Additional info**

p16 (CDKN2A, p16Ink4A), is key regulator of the cell cycle and involved in cell cycle control and cellular senescence. It is a specific inhibitor for Cdk4 and Cdk6 and binds to the phosphorylated Cdk-cyclin complex. A disruption of this pathway is commonly observed in cancer. p16 is lost in the majority of tumor cell lines and in most primary tumors. It is not expressed in melanoma.

**References**

1. Wiest, T. et al. Oncogene 2002;21: 1510–1517
2. Shibata, K. R. et al. Stem Cells 2007; 25: 2371–82
3. Lukas, J. et al. Nature 1995;375: 503–506
4. -
5. -

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