

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

Clone no. DCS-50

MONOSAN

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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