

Mouse anti-Human p21, clone DCS-60.2 (Monoclonal)

Clone no. DCS-60.2

MONOSAN

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Product name	Mouse anti-Human p21, clone DCS-60.2 (Monoclonal)
Host	Mouse
Applications	IHC-P (1:50-1:200)
Species reactivity	human
Conjugate	-
Immunogen	Unknown or proprietary to MONOSAN and/or its suppliers
Isotype	IgG1-k
Clonality	Monoclonal
Clone number	DCS-60.2
Size	1 ml
Concentration	n/a
Format	-
Storage buffer	Tris Buffer, pH 7.3-7.7, containing 1% BSA and <0.1% Sodium Azide
Storage until expiry date	2-8°C

FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES

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**Additional info**

p21 is one of the inhibitors of the phosphorylation of the cyclin-cdk complex. p21, which is an inhibitor of G1 cdks, suppresses the cell cycle and inhibits DNA synthesis. Although p21 is induced by p53 and inhibits cdk (cyclin-dependent kinase) activity, there was virtually no correlation between the expression of p21 and that of p53; this finding was consistent with two reports, though another reported an inverse correlation between the expression of p21 and that of p53. p53-independent expression of p21 might account for the discrepancy between the expression of p53 and that of p21. It is expressed in normal human tissue and a wide array of tumors.

**References**

1. El-Ghobashy AA, et al. Eur J Cancer. 2007 Sep;43(13):2011-8. Epub 2007
2. Fillies T, et al. Oncol Rep. 2007 Feb;17(2):355-9
3. DiGiuseppe JA, et al. Am J Pathol. 1995; 147:884-8
4. Xie HL, et al. World J Gastroenterol. 2004; 10(8):1125-31
5. Stein JP, et al. J of Natl Cancer Inst. 1998; 90:1072-8

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