

Mouse anti-Human p21

Clone DCS-60.2

Cat. no. MON 3325

Specificity

p21 is one of the inhibitors of the phosphorylation of the cyclin-cdk complex. p21, which is an inhibitor of G1 cdk, 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.

Immunoglobulin type

Mouse IgG1 κ

Use

This antibody can be used in IHC Paraffin sections (1:50 – 1:200)

Presentation

1 ml supernatant in Tris Buffer, pH 7.3-7.7, with 1% BSA and <0.1% Sodium Azide

References

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

Storage

Store antibody at 2-8°C until expiry date.

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