MDM-2

IN VITRO DIAGNOSTIC DATASHEET

INTENDED USE : IN VITRO DIAGNOSTIC USE

This Mouse Monoclonal product is intended for qualitative immunohistochemistry with normal and neoplastic formalin-fixed, paraffin-embedded tissue sections, to be viewed by light microscopy.

DESCRIPTION : p53 is the most commonly mutated gene in human cancer identified to date. Expression of p53 leads to inhibition of cell growth by preventing progression of cells from G1 to S phase of the cell cycle. Most importantly, p53 functions to cause arrest of cells in the G1 phase of the cell cycle following any exposure of cells to DNA-damaging agents. The MDM2 (murine double minute-2) protein was initially identified as an oncogene in a murine transformation system. MDM2 functions to bind p53 and block p53-mediated transactivation of co-transfected reporter constructs. The MDM2 gene is amplified in a high percentage of human sarcomas that retain wide type p53 and tumor cells that overexpress MDM2 can tolerate high levels of p53 expression.

CATALOG NO : PL2012

PL2012-R7	7 ML RTU 70 TEST
PL2012-R1	1 ML RTU 10 TEST
PL2012-1	1 ML 1/100 1000 TEST
PL2012-0,1	0,1 ML 1/100 100 TEST

STAINING PATTERN : Nuclear

POSITIVE CONTROL : Liposarcoma

VOLUME : 7 ml Ready to Use (7 ml of antibody prediluted in 0.05mol/L Tris-HCl, pH 7.6 containing stabilizing protein and 0.015mol/L sodium azide.)

HOST : Mouse

CLONE : SMP14

ANTIBODY CONCENTRATION : Not known

SPECIES REACTIVITY : Human. Others not tested.

MICROBIOLOGICAL STATE : This product is not sterile.

PRETREATMENT : Staining of formalin-fixed tissue sections requires treating the tissue sections in boiling 10mM citrate buffer, pH 6.0, for 10-20 minutes followed by cooling at room temperature for 20 min.

PRIMARY ANTIBODY INCUBATION TIME : 60 minutes at Room Temperature

STAINING TIPS : If the staining is too light, use lower dilution or longer time. If the staining is too strong, check pretreatment, use higher dilution or shorter time.

STORAGE AND STABILITY : This product contains sodium azide and is stable for 24 months when stored at 2-8°C. Do not use after expiration date indicated on label of the product. If reagent is not stored as recommended, performance must be validated by the user.

TROUBLESHOOTING : Please contact PatoLab Technical Support by e-mail (patolab@patolab.com.tr).

PatoLab Biyomedikal Cihazlar ve Sarf Malzemeler San. ve Tic. Ltd. Şti.
patolab@patolab.com.tr **www.patolab.com.tr**

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