Purified Mouse anti-p21Waf1
Monoclonal Antibody

CLX174AP
Lot:  
Size: 0.1 mg
Clone: WA-1
Isotype: Mouse IgG1
Specificity: The antibody WA-1 reacts with p21 protein (Waf1, Cip1, SDI 1), a 21 kDa tumour suppressor, which inhibits the activity of cyclin-dependent family kinases and of proliferating cell nuclear antigen.
Immunogen: Human p21 protein
Application: Western Blotting
Immunohistochemistry (paraffin sections)
Positive tissue: colon carcinoma
Immunocytochemistry
ELISA
Purity: > 95% (by SDS-PAGE)
Purification: Purified from ascites by precipitation methods.
Concentration: 1 mg/ml
Storage Buffer: Phosphate buffered saline (PBS) with 15 mM sodium azide, approx. pH 7.4.
Storage / Stability: Store at 2-8°C. Do not use after expiration date stamped on vial label. For long-term storage aliquot and store at -20°C. Avoid freeze/thaw cycles.
Background: The tumour suppressor p21Waf1 (Wild-type p53-Activated Fragment 1; also known as Cip1, Cdk interacting protein, or SDI 1) is a cyclin-dependent kinase (Cdk) inhibitor, which is expressed by involvement of p53, Egr-1, AP2, STATs or other transcription factors upon various stimuli resulting in cell cycle arrest. Through its N-terminal domain

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p21Waf1 inhibits Cdk activity, whereas through the C-terminal domain it inhibits the activity of PCNA (proliferating cell nuclear antigen) to activate DNA replication. Cytosolic location of p21 counteracts its inhibitory activities. HSV2 - generally infects the genital area (Genital Herpes); however, HSV2 can also infect the mouth.

References:


Laboratory Reagent For Research Use Only