

p21 Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 251259

Unit: 0.1 mg

Description:

Cyclin-dependent kinase inhibitor 1 (p21 or WAF1) is an important intermediate by which TP53/p53 mediates its role as an inhibitor of cellular proliferation in response to DNA damage. P21 binds to and inhibits cyclin-dependent kinase activity, preventing phosphorylation of critical cyclin-dependent kinase substrates and blocking cell cycle progression.

Isotype: Rabbit Ig

Applications: E, IHC, WB

Species Reactivity: D, H, M, R

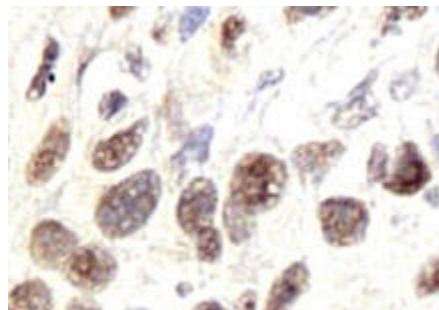
Format: Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4, 25% glycerol, 5 mg/ml BSA with 0.09% sodium azide. Antibody was purified by Protein-A affinity chromatography.

Alternate Names: Cyclin-dependent kinase inhibitor 1; p21; CDK-interacting protein 1; Melanoma differentiation-associated protein 6; MDA-6; CDKN1A; WAF1; CIP1; p21/WAF1/CIP1; CAP20; CDKN1; PIC1; SDI1

Accession No.: P38936

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within the center region of human p21.

Application Notes: E: 1:500-1:1,000; WB: 1:100-1:500; IHC: 1:100-1:500



p21 staining in larynx cancer. Formalin-fixed paraffin-embedded human laryngeal squamous cell carcinoma tissue is stained with p21 Antibody (Cat. No. 251259) used at 1:200 dilution.

Storage: Store at -20°C. Minimize freeze-thaw cycles. Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.