

Anti-p21 Rabbit mAb

Purified Recombinant Rabbit Monoclonal Antibody

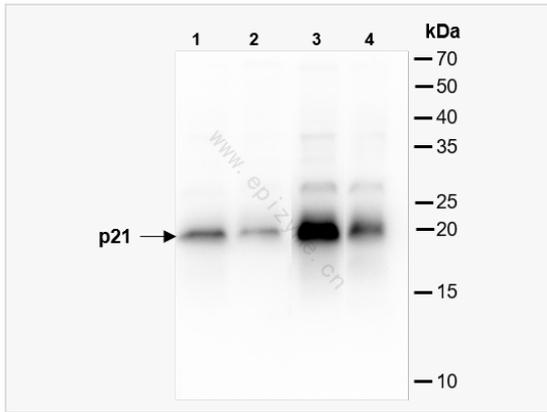
Catalog # R013768

Product Information

Application	WB, ELISA
Reactivity	Human
Dilution	WB 1:1,000~1:2,000
Host	Rabbit
Clonality	Monoclonal
Clone No.	94C02G12
Isotype	IgG
Label	Unconjugated
Immunogen	A synthesized peptide derived from human p21
Format	Affinity purified monoclonal antibody supplied in PBS with 0.01% sodium azide and 50% glycerol, pH 7.3.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-p21 Rabbit mAb [94C02G12] is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Synonyms	CDKN1A, CAP20, CDKN1, CIP1, MDA6, PIC1, SDI1, WAF1, Cyclin-dependent kinase inhibitor 1, CDK-interacting protein 1, Melanoma differentiation-associated protein 6, MDA-6, p21.
Calculated MW	21 kDa
Uniprot ID	P38936
Gene ID	1026
Background	The tumor suppressor protein p21 Waf1/Cip1 acts as an inhibitor of cell cycle progression. It functions in stoichiometric relationships forming heterotrimeric complexes with cyclins and cyclin-dependent kinases. In association with CDK2 complexes, it serves to inhibit kinase activity and block progression through G1/S. However, p21 may also enhance assembly and activity in complexes of CDK4 or CDK6 and cyclin D.



Western Blot - Anti-p21 Rabbit mAb [94C02G12]

All lanes: R013768 at 1:1,000 dilution

Lane 1: HeLa (human cervix adenocarcinoma epithelial cell) whole cell lysates

Lane 2: MCF7 (human breast adenocarcinoma epithelial cell) whole cell lysates

Lane 3: HCT116 (human colorectal carcinoma epithelial cell) whole cell lysates

Lane 4: HepG2 (human hepatocellular carcinoma epithelial cell) whole cell lysates

Lysates/proteins at 10 µg per lane.

Secondary antibody: Goat Anti-Rabbit IgG(H+L), HRP Conjugated (Cat. No. LF102) at 1:5,000 dilution

Predicted band size: 21 kDa

Observed band size: 21 kDa

Developed using the ECL technique (Cat. No. SQ201).