

Anti-p21 Rabbit mAb

Purified Rabbit Monoclonal Antibody

Catalog # R010432

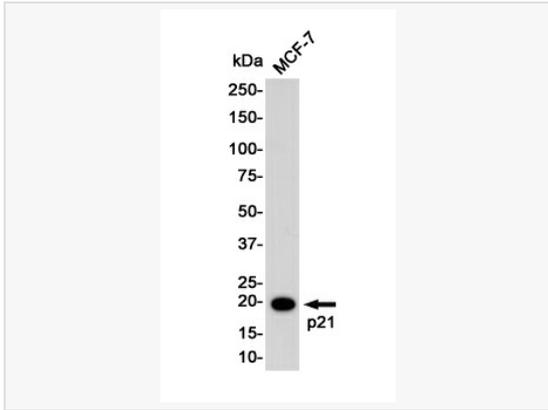
Product Information

Application	WB, ELISA
Reactivity	Human, Mouse
Dilution	WB 1:500~1:1,000
Host	Rabbit
Clonality	Monoclonal
Clone No.	87K34M53
Isotype	IgG
Label	Unconjugated
Immunogen	A synthetic peptide of human p21
Format	Buffer System: 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA Purification: Affinity Purified.
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 antibody [87K34M53] 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	Calculated MW: 18 kDa; Observed 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.

Validation Images



Western blot analysis of p21 in MCF-7 lysates using p21 antibody.