

Anti-p21 Rabbit pAb

Purified Rabbit Polyclonal Antibody

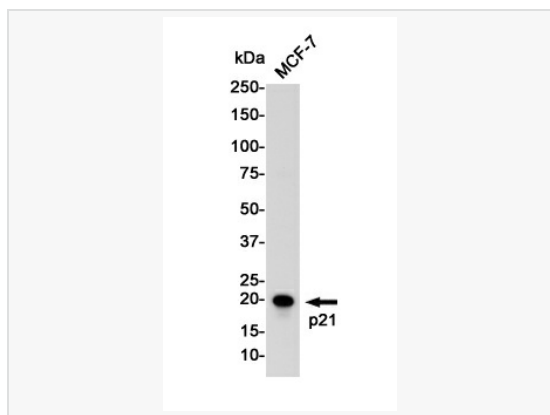
Catalog # P010781

Product Information

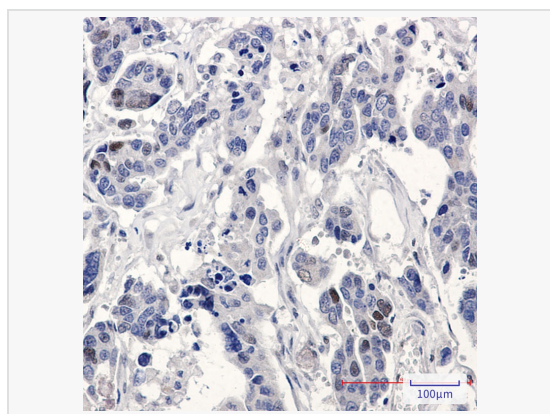
Application	WB, IHC-P/IF (Tissue-P), FC, IP, ELISA
Reactivity	Human
Dilution	WB 1:500~1:1,000; IHC-P 1:50~1:100; IP 1:20; FC 1:50~1:100
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Label	Unconjugated
Immunogen	A synthetic peptide of human p21
Format	Buffer System: 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 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 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.



Western blot analysis of p21 Waf1/Cip1 in MCF-7 lysates using p21 antibody.



Immunohistochemistry analysis of paraffin-embedded Human Cholangiocarcinoma using p21 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.