

10-7526: Monoclonal Antibody to p21 (Clone: WA-1)

Clonality :	Monoclonal
Clone Name :	WA-1
Application :	IHC,WB
Reactivity :	Human
Gene :	CDKN1A
Gene ID :	1026
Uniprot ID :	P38936
Format :	Purified
Alternative Name :	CDKN1A,CAP20,CDKN1,CIP1,MDA6,PIC1,SDI1,WAF1
lsotype :	Mouse IgG1 Kappa
Immunogen Information : Recombinant human p21 protein was used as immunogen to generate the antibody.	

Description

p21, a member of the cycle dependent kinase (CDK) inhibitor family, was first identified as a tumor suppressor or antioncogenic protein and negative regulator of the cell cycle.

Product Info

Amount : Purification :	25 μg / 100 μg Protein G Chromatography
Content :	25 μg in 50 $\mu l/100~\mu g$ in 200 μl PBS containing 0.05% BSA and 0.05% sodium azide. Sodium azide is highly toxic.
Storage condition :	Store the antibody at 4°C; stable for 6 months. For long-term storage; store at -20°C. Avoid repeated freeze and thaw cycles.

Application Note

Immunohistochemical analysis: 1:50-1:100, Western blot analysis: 2-4 $\mu\text{g/ml}$

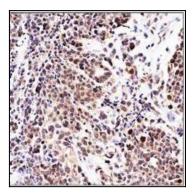


Figure-1: Immunohistochemical analysis of p21 in human urinary transitional cell carcinoma using p21 antibody (Clone: WA-1) at 1: 50 dilution.



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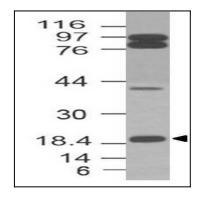


Figure-2: Western blot analysis of p21. Anti-p21 antibody (Clone: WA-1) was used at 2 $\mu g/ml$ in HCT-116 lysate.