

## p21 Rabbit mAb

Catalog No: #56088

Package Size: #56088-1 50ul #56088-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

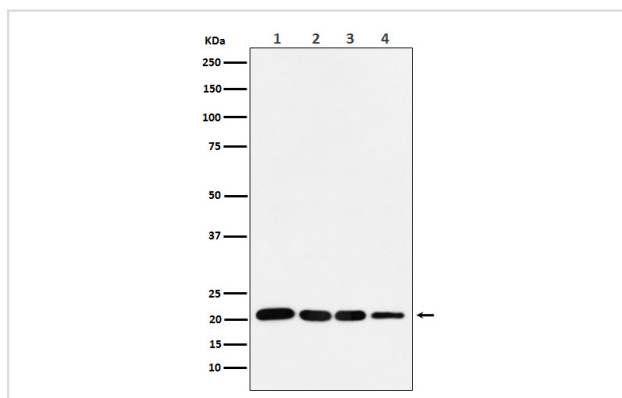
## Description

Product Name	p21 Rabbit mAb
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Purification	Affinity-chromatography
Applications	WB ICC/IF
Species Reactivity	Human Mouse Rat
Specificity	p21 Antibody detects endogenous levels of total p21
Immunogen Description	A synthesized peptide derived from human p21
Other Names	CAP20; CDKN1; CIP1; MDA-6; P21; SDI1; WAF1; p21CIP1
Accession No.	Uniprot:P38936
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Calculated MW	21kDa
Formulation	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at +4Λ C short term. Store at -20Λ C long term. Avoid freeze / thaw cycle.

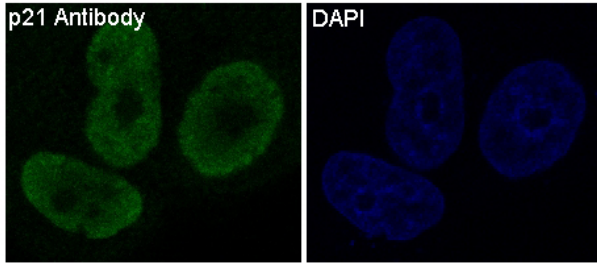
## Application Details

WB: 1:500~1:2000 ICC/IF: 1:50~1:200

## Images



Western blot analysis of p21 in (1) MCF-7 cell lysate; (2) HeLa cell lysate. (3) LnCap cell lysate; (4) U87 MG cell lysate.



Immunofluorescent analysis of MCF7 cells, using p21 Antibody.

## Product Description

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.

Note: This product is for in vitro research use only