
Product Name: p21 Rabbit Monoclonal Antibody**Catalog #: AMRe85893**

For research use only.

Summary

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|----------------------|--|
| Description | Recombinant rabbit monoclonal antibody |
| Host | Rabbit |
| Application | WB |
| Reactivity | Human,Mouse |
| Conjugation | Unconjugated |
| Modification | Unmodified |
| Isotype | IgG |
| Clonality | Monoclonal |
| Form | Liquid |
| Concentration | |
| Storage | Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles. |
| Shipping | Ice bags |
| Buffer | Purified antibody in TBS with 0.05% sodium azide,0.05%protective protein and 50% glycerol. |
| Purification | Affinity Purification |

Application

| | |
|-------------------------|--|
| Dilution Ratio | WB 1:500-1:1000 |
| Molecular Weight | Calculated MW: 18 kDa; Observed MW: 21 kDa |

Antigen Information

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|--------------------------|---|
| Gene Name | p21 |
| Alternative Names | 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 |
| Gene ID | 1026.0 |
| SwissProt ID | P38936 |
| Immunogen | A synthetic peptide of human p21 |

Background

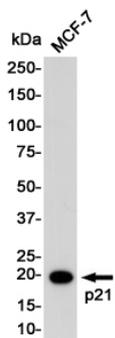
The tumor suppressor protein p21 Waf1/Cip1 acts as an inhibitor of cell cycle progression. It functions in stoichiometric relationships forming heterotrimeric complexes with cyclins and cyclin-dependent kinases. In association with CDK2

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.

Research Area

PI3K-Akt signaling pathway

Image Data



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