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<b>Catalog Number:</b>	MO47036	<b>Host:</b>	Mouse
<b>Product Type:</b>	Mouse Monoclonal IgG	<b>Species Reactivity:</b>	Human
<b>Immunogen Sequence:</b>	Recombinant Human p21	<b>Format:</b>	Liquid with PBS Buffer, pH 7.4 with 0.02% Sodium Azide
<b>Applications:</b>	Immunohistochemistry: 1:1,000-3,000  Dilutions listed as a recommendation. Optimal dilution should be determined by investigator.		
<b>Storage:</b>	The product can be stored undiluted for several weeks at 4°C. Dilute only immediately before use. Aliquot and store at -20°C long term. Avoid freeze thaw-cycles.		

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### Application Notes

**Description/Data:**

p21 Antibody detects for the presence or absence of p21 (also known as p21Cip1, p21Waf1, cyclin-dependent kinase inhibitor 1, or CDK-interacting protein 1) which functions to regulate the cell cycle at G1 through cyclin-CDK2 or cyclin-CDK4 complex inhibition. Decrease expression in p21 is linked to poor prognosis in a number of carcinomas. Normally p21 is expressed in all healthy adult human tissues.

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