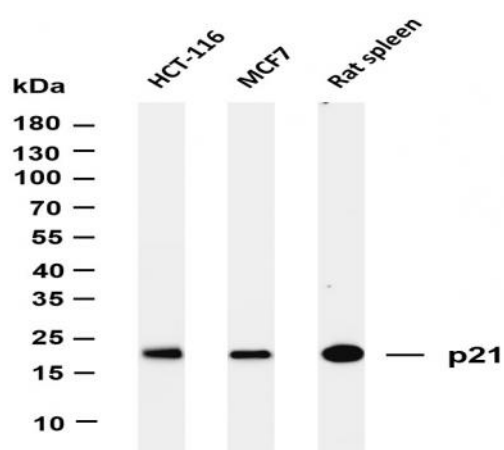


**p21 (PT0237R) PT® Rabbit mAb**

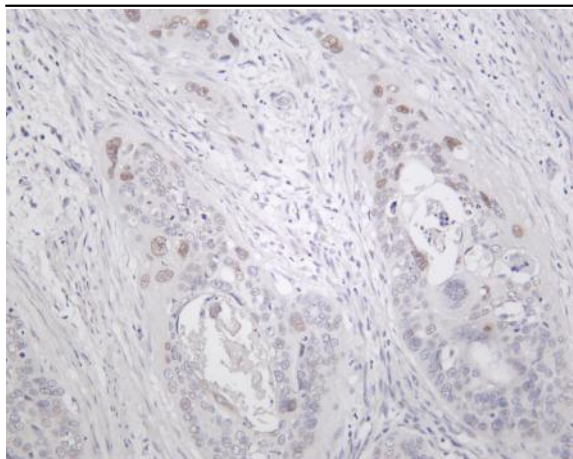
<b>Catalog No :</b>	YM8148
<b>Reactivity :</b>	Human;Rat;
<b>Applications :</b>	WB;IHC;IF;IP;ELISA
<b>Target :</b>	P21
<b>Gene Name :</b>	CDKN1A CAP20 CDKN1 CIP1 MDA6 PIC1 SDI1 WAF1
<b>Protein Name :</b>	p21
<b>Human Gene Id :</b>	1026
<b>Human Swiss Prot No :</b>	P38936
<b>Mouse Gene Id :</b>	12575
<b>Mouse Swiss Prot No :</b>	P39689
<b>Specificity :</b>	endogenous
<b>Formulation :</b>	PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA
<b>Source :</b>	Monoclonal, rabbit, IgG, Kappa
<b>Dilution :</b>	IHC 1:100-1:200,WB 1:1000-1:5000,IF 1:200-1:1000,ELISA 1:5000-1:20000,IP 1:50-1:200,
<b>Purification :</b>	Protein A
<b>Storage Stability :</b>	-15°C to -25°C/1 year(Do not lower than -25°C)
<b>Molecularweight :</b>	18kD
<b>Observed Band :</b>	18kD

<b>Function :</b>	function:May be the important intermediate by which p53 mediates its role as an inhibitor of cellular proliferation in response to DNA damage. Binds to and inhibits cyclin-dependent kinase activity, preventing phosphorylation of critical cyclin-dependent kinase substrates and blocking cell cycle progression.,induction:By p53, mezerein (antileukemic compound) and interferon beta.,PTM:Phosphorylation of Thr-145 by Akt or of Ser-146 by PKC impairs binding to PCNA.,similarity:Belongs to the CDI family.,tissue specificity:Expressed in all adult human tissues, with 5-fold lower levels observed in the brain.,
<b>Subcellular Location :</b>	Nucleus
<b>Expression :</b>	Expressed in all adult tissues, with 5-fold lower levels observed in the brain.
<b>Tag :</b>	hot,recombinant
<b>Sort :</b>	999
<b>No4 :</b>	1
<b>Host :</b>	Rabbit
<b>Modifications :</b>	Unmodified

## Products Images



Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-p21 (PT0237R) antibody. The HRP-conjugated Goat anti-Rabbit IgG(H + L) antibody was used to detect the antibody. Lane 1: HCT-116 Lane 2: MCF7 Lane 3: Rat spleen Predicted band size: 18kDa Observed band size: 18kDa



Human cervical carcinoma was stained with Anti-p21 (PT0237R) rabbit antibody