

Anti-Phospho-Rb (Ser780) Rabbit Monoclonal Antibody

Introduction

Cell cycle-dependent phosphorylation by a CDK inhibits Rb target binding and allows cell cycle progression. Rb inactivation and subsequent cell cycle progression likely requires an initial phosphorylation by cyclin D-CDK4/6 followed by cyclin E-CDK2 phosphorylation. Specificity of different CDK/cyclin complexes has been observed in vitro and cyclin D1 is required for Ser780 phosphorylation in vivo.

Product parameters

Alternative Names	RB1; Retinoblastoma-associated protein; p105-Rb; pRb; Rb; pp110
Gene ID	5925
Gene Name	RB1
SwissProt ID	P06400
Host	Rabbit
Reactivity	Human, Rat
Molecular Weight	Calculated MW: 106 kDa; Observed MW: 110 kDa
Conjugation	Unconjugated
Ex	-
Em	-
Modification	Phosphorylated
Clonality	IgG
Isotype	Monoclonal Antibody
Clonality No.	AP-7E5F1
Form	Liquid
Concentration	See label
Carrier	Carrier Not Free
Immunogen	A synthetic phosphopeptide corresponding to residues surrounding Ser780 of human Rb
Purification	Affinity Purified
Buffer System	50mM Tris-Glycine (pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA.
Application	WB, IHC-P
Dilution Ratio	WB: 1/500-1/1000 IHC: 1/50-1/100
Research Field	Cell Biology
Product Categories	Primary antibody

Shipping	Blue ice
Storage	-20°C
Expiration Date	12 months
Note	Please avoid freeze-thaw cycles.

Protocol



Configure the product according to the application range and recommended dilution ratio.

***Note:** The primary antibody dilution buffer options: WB - Primary Antibody Dilution Buffer (Cat. #: K1200, Not for HRP/AP conjugated antibodies), Immunostaining - Immunol Staining Primary Antibody Dilution Solution (Cat. #: K4655).

Note

1. This product is for scientific research use only.



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