Anti-Phospho-PKA RII alpha (Ser99) Rabbit Monoclonal Antibody

Introduction

Regulatory subunit of the cAMP-dependent protein kinases involved in cAMP signaling in cells. Type II regulatory chains mediate membrane association by binding to anchoring proteins, including the MAP2 kinase.

Product parameters

Alternative Names	PRKAR2A; PKR2; PRKAR2; cAMP-dependent protein kinase type II-alpha regulatory subunit
Gene ID	5576
Gene Name	PRKAR2A
SwissProt ID	P13861
Host	Rabbit
Reactivity	Human, Mouse, Rat
Molecular Weight	Calculated MW: 46 kDa; Observed MW: 50 kDa
Conjugation	Unconjugated
Ex	-
Em	-
Modification	Phosphorylated
Clonality	IgG
Isotype	Monoclonal Antibody
Clonality No.	AP-14G5A12
Form	Liquid
Concentration	See label
Carrier	Carrier Not Free
Immunogen	A synthetic phosphopeptide corresponding to residues surrounding Ser99 of human PKA R2
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, IP
Dilution Ratio	WB: 1/500-1/1000 IHC: 1/50-1/100 IP: 1/20
Research Field	Signal Transduction
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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