

Anti-PP1C gamma (2F2A3) Mouse Monoclonal Antibody

Introduction

The protein encoded by this gene belongs to the protein phosphatase family, PP1 subfamily. PP1 is an ubiquitous serine/threonine phosphatase that regulates many cellular processes, including cell division. It is expressed in mammalian cells as three closely related isoforms, alpha, beta/delta and gamma, which have distinct localization patterns. This gene encodes the gamma isozyme. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.

Product parameters

Alternative Names	PP 1G; PP-1G; PP1G; PP1G_HUMAN; PP1gamma; PPP 1G; PPP1CC; PPP1CC protein; PPP1G; Protein phosphatase 1 catalytic subunit gamma isoform; Protein phosphatase 1C catalytic subunit; Protein phosphatase 1C subunit; Protein phosphatase 2C gamma isoform; Serine/threonine phosphatase 1 gamma; Serine/threonine protein phosphatase PP1 gamma catalytic subunit; Serine/threonine-protein phosphatase PP1-gamma catalytic subunit.
Gene ID	5501
Gene Name	PPP1CC
SwissProt ID	P36873
Host	Mouse
Reactivity	Human
Molecular Weight	Calculated MW: 37 kDa; Observed MW: 37 kDa
Conjugation	Unconjugated
Ex	-
Em	-
Modification	Unmodified
Clonality	IgG2b
Isotype	Monoclonal Antibody
Clonality No.	AP-11D8C2
Form	Liquid
Concentration	See label
Carrier	Carrier Not Free
Immunogen	Purified recombinant human PP1C protein fragments expressed in E.coli.
Purification	Affinity Purified
Buffer System	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.

Application	WB
Dilution Ratio	WB: 1/500-1/1000
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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