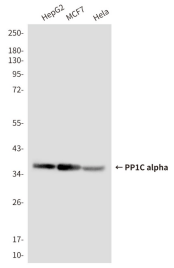
PP1C alpha (1H1) Mouse mAb

db6069 **Package : 50μL 100μL**

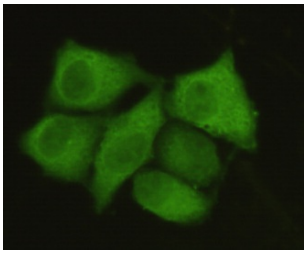
Product Name : PP1C alpha (1H1) Mouse mAb
Cat.No.: db6069
Synonyms : Alpha isoform serine threonine protein phosphatase PP1alpha 1 catalytic subunit; Catalytic subunit; PP1A; PP1A_HUMAN; PP1alpha; PP2C ALPHA; PP2CA; Ppp1ca; Protein Phosphatase 2C Alpha Isoform; Serine threonine protein phosphatase PP1 alpha catalytic subunit; Serine threonine protein phosphatase PP1 alpha catalytic subunit protein phosphatase 1; Serine/threonine-protein phosphatase PP1-alpha catalytic subunit
Application : WB, ICC/IF
Reactivity : Human
Host species : Mouse

Background	Protein phosphatase that associates with over 200 regulatory proteins to form highly specific holoenzymes which dephosphorylate hundreds of biological targets. Protein phosphatase 1 (PP1) is essential for cell division, and participates in the regulation of glycogen metabolism, muscle contractility and protein synthesis. Involved in regulation of ionic conductances and long-term synaptic plasticity.
Immunogen	Purified recombinant human PPP1A protein fragments expressed in E.coli
Gene ID	5499
Swiss Prot	P62136
Synonyms	Alpha isoform serine threonine protein phosphatase PP1alpha 1 catalytic subunit; Catalytic subunit; PP1A; PP1A_HUMAN; PP1alpha; PP2C ALPHA; PP2CA; Ppp1ca; Protein Phosphatase 2C Alpha Isoform; Serine threonine protein phosphatase PP1 alpha catalytic subunit; Serine threonine protein phosphatase PP1 alpha catalytic subunit protein phosphatase 1; Serine/threonine-protein phosphatase PP1-alpha catalytic subunit
Reactivity	Human
Application	WB, ICC/IF
Recommended dilution	WB: 1:500-1:1000 ICC/IF: 1:50-1:200
Calculated MW	38 kDa
Observed MW	38 kDa
Host species	Mouse

Clonality	Monoclonal
Clonality No.	1H1-F7-D8
Isotype	IgG1
Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in PBS, 50% Glycerol(pH 7.3), 0.02% sodium azide and 0.5% BSA . Stable for 12 months from date of receipt.



Western blot analysis of PPP1A in HepG2, MCF-7 and Hela lysates using PPP1A antibody.



Immunocytochemistry analysis of PP1C alpha in HeLa cells using PP1C alpha antibody.