PP1C alpha (1C11) Mouse mAb

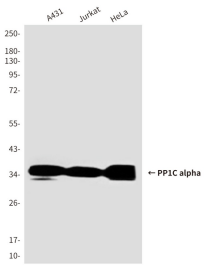
db6027 **Package : 50μL 100μL**

Product Name : PP1C alpha (1C11) Mouse mAb
Cat.No.: db6027
Synonyms : PP-1A; PPP1A; PP1alpha
Application : WB, IHC-Fr, IHC-P, ICC/IF
Reactivity : Human
Host species : Mouse

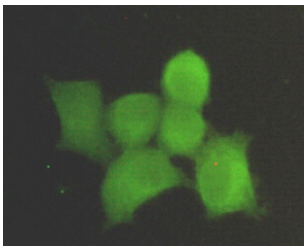
Background	Protein phosphatase that associates with over 200 regulatory proteins to form highly specific holoenzymes which dephosphorylate hundreds of biological targets. Protein phosphatase 1 (PP1) is essential for cell division, and participates in the regulation of glycogen metabolism, muscle contractility 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	PP-1A; PPP1A; PP1alpha
Reactivity	Human
Application	WB, IHC-Fr, IHC-P, ICC/IF
Recommended dilution	WB: 1:500-1:1000 IHC: 1:50-1:100 ICC/IF: 1:50-1:200
Calculated MW	38 kDa
Observed MW	38 kDa
Host species	Mouse
Clonality	Monoclonal
Clonality No.	1C11-C10-H5-E9
Isotype	IgG1
Purity	Affinity Purification

Conjugation Un-conjugated

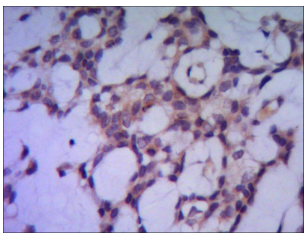
Storage Stability Store at -20°C. Supplied in PBS, 50% Glycerol(pH 7.3), 0.02% sodium azide and 0.5% BSA . Stable for 12 months from date of receipt.



Western blot analysis of PPP1A in A431, Jurkat and Hela whole lysates using PPP1A antibody.



Immunocytochemistry analysis of PP1C alpha (1C11) in Hela using PPP1A antibody.



Immunohistochemistry analysis of paraffin-embedded Human breast cancer using PPP1A antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.