



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



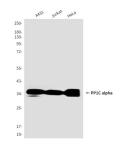


Conjugation

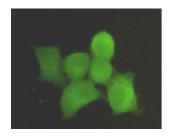
Un-conjugated

Storage Stability

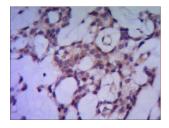
Store at -20 $^{\circ}$ C. Supplied in PBS, 50% Glycerol(pH 7.3), 0.02% sodium azide and 0.5% BSA . Stable for 12 months from date of receipt.



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.