

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.
	<ul style="list-style-type: none">□ 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.