

Product Datasheet

PP1C Mouse mAb

Catalog No: AB3162

Reactivity: Human

Isotype: Mouse IgG2b

Applications: WB



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Information

UniProt ID: P36873

All Names: PP-1G; PP1G; PP1gamma; PPP1CC protein; PPP1G; Protein phosphatase 1 catalytic subunit gamma isoform;

Form: Liquid

Storage instructions: Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Storage buffer: pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

Immunogen: A synthesized peptide

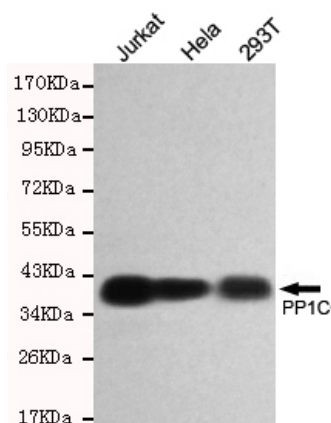
Molecular Wt.: 38KDa

Application

WB 1:500

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. Dephosphorylates RPS6KB1. Involved in regulation of ionic conductances and long-term synaptic plasticity.



Western blot detection of PP1C in HeLa, 293T and Jurkat cell lysates using PP1C mouse mAb (1:500 diluted). Predicted band size: 38KDa. Observed band size: 38KDa.

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