

## PPP4C (2F11) MOUSE MAB

**Cat.#:** N261017

**Product Name:** Anti-PPP4C (2F11) Mouse Monoclonal Antibody

**Synonyms:** PP4; PPX; PP4C; PPH3; PPP4

**UNIPROT ID:** P60510

**Background:** In eukaryotes, the phosphorylation and dephosphorylation of proteins on serine and threonine residues is an essential means of regulating a broad range of cellular functions, including division, homeostasis and apoptosis. A group of proteins that are intimately involved in this process are the protein phosphatases. In general, the protein phosphatase (PP) holoenzyme is a trimeric complex composed of a regulatory subunit, a variable subunit and a catalytic subunit. Four major families of protein phosphatase catalytic subunits have been identified, designated PP1, PP2A, PP2B (calcineurin) and PP2C. An additional protein phosphatase catalytic subunit, PPX (also known as PP4) is a putative member of a novel PP family.

**Immunogen:** Purified recombinant human Protein Phosphatase 4C protein fragments expressed in E.coli.

**Applications:** WB,IHC-F,IHC-P,ICC/IF

**Recommended Dilutions:** WB: 1/500-1/1000 IHC: 1/50-1/100 IF: 1/50-1/200

**Host Species:** Mouse

**Clonality:** Mouse Monoclonal

**Clone ID:** 2F11-D10-G4

**MW:** Calculated MW: 35 kDa; Observed MW: 35 kDa

**Isotype:** IgG2a

**Purification:** Affinity Purified

**Species Reactivity:** Human

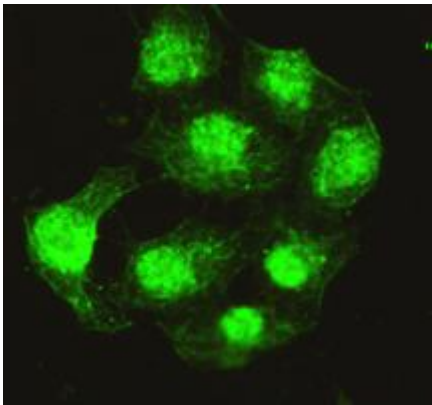
**Conjugation:** Unconjugated

**Modification:** Unmodified

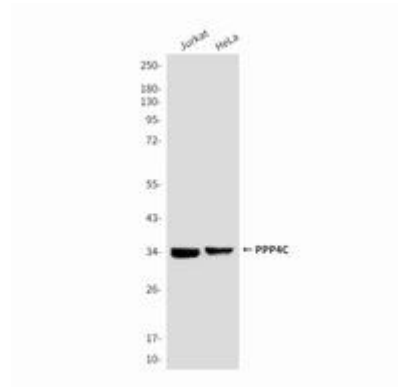
**Constituents:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

**Research Areas:** Signal Transduction

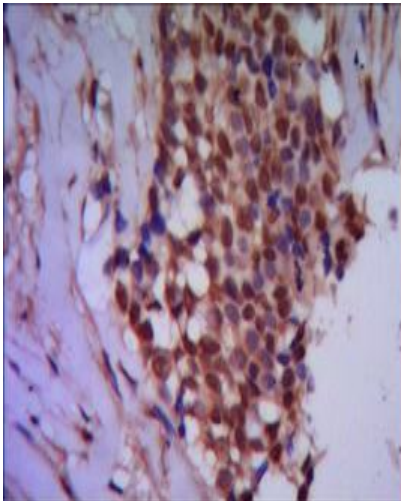
**Storage & Shipping:** Store at -20°C. Avoid repeated freezing and thawing



Immunocytochemistry analysis of PPP4C in HeLa cells using PPP4C antibody.



Western blot analysis of Protein Phosphatase 4C in HeLa and Jurkat lysates using Protein Phosphatase 4C antibody.



Immunohistochemistry analysis of paraffin-embedded Human breast cancer using Protein Phosphatase 4C antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.