

## PIK3CA

**Catalog Number:** 26069

**Gene Symbol:** PIK3CA, CLOVE, CWS5, MCAP, MCM, MCMTC, PI3K, p110-alpha

**Description:** Anti-PIK3CA Mouse Monoclonal Antibody

**Background:** Phosphatidylinositol 3-kinase is composed of an 85 kDa regulatory subunit and a 110 kDa catalytic subunit. The catalytic subunit is encoded by the PIK3CA gene. It phosphorylates PtdIns, PtdIns4P and PtdIns(4,5)P<sub>2</sub>. The PIK3CA gene is one of the most frequently mutated genes in human cancers.

**Immunogen:** A synthetic peptide from the internal region of PIK3CA, human origin.

**Tested Applications:** ELISA, WB, IHC, IP

**Recommended Dilutions:**

ELISA: 1:1000-1:5000

WB: 1:1000-1:5000

IF: 1:50-1:100

IHC: 1:50-1:100

**Concentration:** 1 mg/ml

**Host:** Mouse

**Clonality:** Monoclonal

**Isotype:** IgG

**Purity:** Purified from ascites

**Format:** Liquid

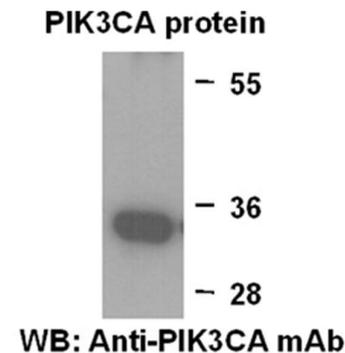
**Preservative:** No

**Constituents:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH7.4, 150 mM NaCl, 50% glycerol

**Species Reactivity:** Anti-PIK3CA antibody recognizes PIK3CA of vertebrates.

**Storage Conditions:** Store at -20°C. Avoid freeze / thaw cycles.

**Western blot:**



**Western blot analysis of recombinant PIK3CA protein.**

Purified His-tagged PIK3CA protein (Cat. # 10162) were blotted with anti-PIK3CA mouse monoclonal antibody (Cat. # 26069).

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