

PIK3CA MAB

Anti-PIK3CA Monoclonal Antibody

Cat. #: 26069

Size: 100 µL

Gene Symbol: PIK3CA

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)P₂. The PIK3CA gene is one of the most frequently mutated genes in human cancers.

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

Tested applications: ELISA, WB, IHC, IP

Recommended dilutions:

ELISA: 1:1000–1:5000

WB: 1:1000–1:5000

IHC: 1:50–1:100

Concentration: 1 mg/ml

Host Species: Mouse

Clonality: Monoclonal

Purity: Purified from ascites

Format: Liquid

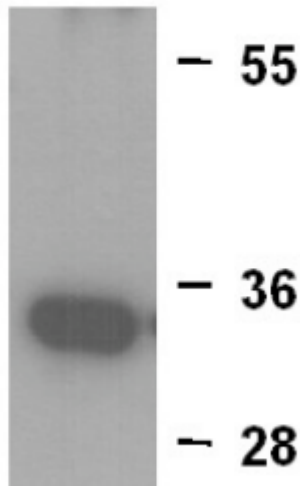
Storage buffer: Preservative: no Constituents: PBS (without Mg^{2+} and Ca^{2+}), pH 7.4, 150 mM NaCl, 50% glycerol

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

Storage Conditions: Store at $-20^{\circ}C$. Avoid freeze / thaw cycles

Western blot:

PIK3CA protein



WB: Anti-PIK3CA mAb