
PIK3CA

Catalog Number: 26069

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: Mouse

Clonality: Monoclonal

Purity: Purified from ascites

Format: Liquid

Storage buffer:

Preservative: no

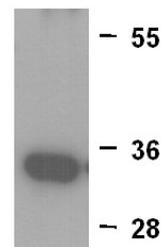
Constituents: PBS (without Mg²⁺ and Ca²⁺), pH 7.4, 150 mM NaCl, 50% glycerol

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

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

Western blot:

PIK3CA protein



WB: Anti-PIK3CA mAb

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