

PI3 KINASE P110 BETA RABBIT MAB

Cat.#: N262715

Product Name: Anti-PI3 Kinase p110 beta Rabbit Monoclonal Antibody

Synonyms: PIK3CB; DKFZp779K1237; MGC133043; PI3K; PI3KCB; PI3Kbeta; PIK3C1; p110-BETA

UNIPROT ID: P42338

Background: Phosphoinositide 3-kinase (PI3K) catalyzes the production of phosphatidylinositol-3,4,5-triphosphate by phosphorylating phosphatidylinositol (PI), phosphatidylinositol-4-phosphate (PIP) and phosphatidylinositol-4,5-bisphosphate (PIP2). Growth factors and hormones trigger this phosphorylation event, which in turn coordinates cell growth, cell cycle entry, cell migration, and cell survival.

Immunogen: A synthetic peptide of human PI3 Kinase p110 beta

Applications: WB,IP

Recommended Dilutions: WB: 1/500-1/1000 IP: 1/20

Host Species: Rabbit

Clonality: Rabbit Monoclonal

Clone ID: R03-5K7

MW: Calculated MW: 123 kDa; Observed MW: 110 kDa

Isotype: IgG

Purification: Affinity Purified

Species Reactivity: Human

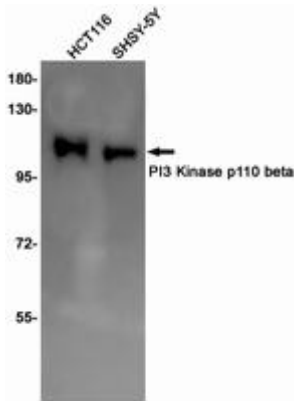
Conjugation: Unconjugated

Modification: Unmodified

Constituents: PBS (without Mg²⁺ and Ca²⁺), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

Research Areas: Hypoxia Signal Transduction Hypoxia-induced

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



Western blot analysis of PI3 Kinase p110 beta in HCT116, SH-SY5Y lysates using PI3 Kinase p110 beta antibody.