

## 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

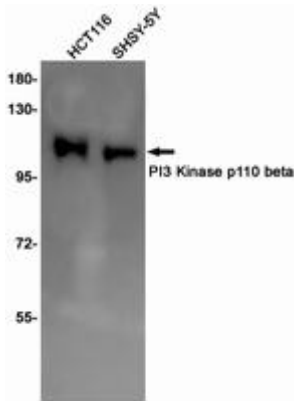
**Conjugation:** Unconjugated

**Modification:** Unmodified

**Constituents:** PBS (without 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:** 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.