

PI3 KINASE P110 GAMMA RABBIT MAB

Cat.#: N262716

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

Synonyms: PI3K; PIK3; PI3CG; PI3Kgamma; p110gamma; p120-PI3K

UNIPROT ID: P48736

Background: This gene encodes a protein that belongs to the pi3/pi4-kinase family of proteins. The gene product is an enzyme that phosphorylates phosphoinositides on the 3-hydroxyl group of the inositol ring. It is an important modulator of extracellular signals, including those elicited by E-cadherin-mediated cell-cell adhesion, which plays an important role in maintenance of the structural and functional integrity of epithelia. In addition to its role in promoting assembly of adherens junctions, the protein is thought to play a pivotal role in the regulation of cytotoxicity in NK cells. The gene is located in a commonly deleted segment of chromosome 7 previously identified in myeloid leukemias. Several transcript variants encoding the same protein have been found for this gene.

Immunogen: A synthetic peptide of human PI3K-gamma

Applications: WB,IP

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

Host Species: Rabbit

Clonality: Rabbit Monoclonal

Clone ID: R09-5C8

MW: Calculated MW: 126 kDa; Observed MW: 110 kDa

Isotype: IgG

Purification: Affinity Purified

Species Reactivity: Human

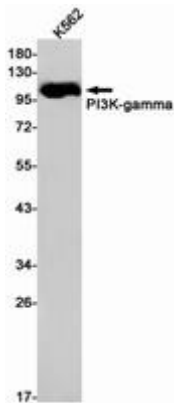
Conjugation: Unconjugated

Modification: Unmodified

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

Research Areas: Signal Transduction

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



Western blot analysis of PI3 Kinase p110 gamma in K562 lysates using PI3 Kinase p110 gamma antibody.