PI3 KINASE P85 ALPHA RABBIT MAB

Cat.#: N261654

Product Name: Anti-PI3 Kinase p85 alpha Rabbit Monoclonal Antibody

Synonyms: PIK3R1; GRB1; Phosphatidylinositol 3-kinase regulatory subunit alpha; PI3-kinase regulatory subunit alpha; PI3K regulatory subunit alpha; PtdIns-3-kinase regulatory subunit alpha; Phosphatidylinositol 3-kinase 85 kDa regulatory subunit alpha; PI3-kinase subunit p85-alpha; PtdIns-3-kinase regulatory subunit p85-alpha

UNIPROT ID: P27986

Background: Binds to activated (phosphorylated) protein-Tyr kinases, through its SH2 domain, and acts as an adapter, mediating the association of the p110 catalytic unit to the plasma membrane. Necessary for the insulin-stimulated increase in glucose uptake and glycogen synthesis in insulin-sensitive tissues. Plays an important role in signaling in response to FGFR1, FGFR2, FGFR3, FGFR4, KITLG/SCF, KIT, PDGFRA and PDGFRB. Likewise, plays a role in ITGB2 signaling.

Immunogen: A synthetic peptide of human PI 3 Kinase p85 alpha

Applications: WB,ICC/IF,IP

Recommended Dilutions: WB: 1/500-1/1000 IF: 1/50-1/200 IP: 1/20

Host Species: Rabbit

Clonality: Rabbit Monoclonal

Clone ID: R03-3C7

MW: Calculated MW: 84 kDa; Observed MW: 84 kDa

Isotype: IgG

Purification: Affinity Purified

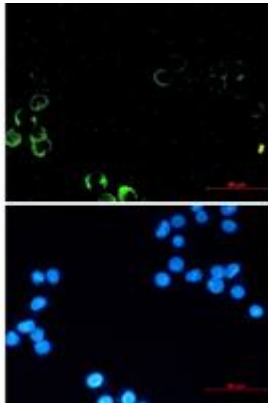**Species Reactivity:** Human,Rat,Hamster

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 Transductionyyyyy Hypoxia-induced

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

Immunocytochemistry analysis of PI3 Kinase p85 alpha (green) in MCF-7 using PI3 Kinase p85 alpha antibody,and DAPI(blue)
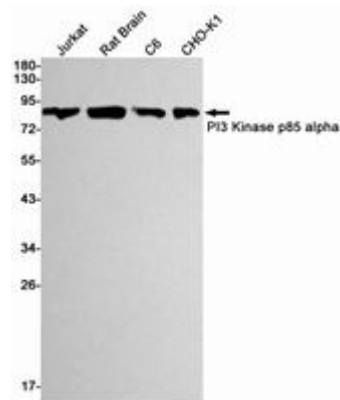
Western blot analysis of PI3 Kinase p85 alpha in Jurkat, C6, CHO-K1 lysates using PI3 Kinase p85 alpha antibody.