Anti-PI3 Kinase p85 alpha Rabbit mAb

Purified Rabbit Monoclonal Antibody

Catalog # R012270

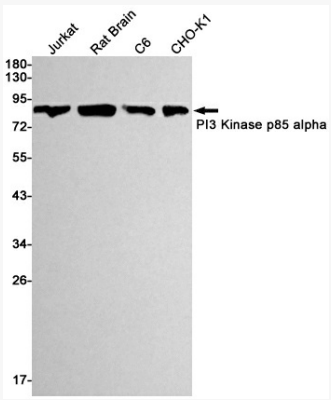
Product Information

Application	IP, ELISA, WB, ICC/IF (Cell)
Reactivity	Human, Rat, Hamster
Dilution	WB 1:500~1:1,000; IF 1:50~1:200; IP 1:20
Host	Rabbit
Clonality	Monoclonal
Clone No.	39L59L25
Isotype	IgG
Label	Unconjugated
Immunogen	A synthetic peptide of human PI 3 Kinase p85 alpha
Format	Buffer System: 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA Purification: Affinity Purified.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-PI3 Kinase p85 alpha antibody [39L59L25] is for research use only and not for use in diagnostic or therapeutic procedures.

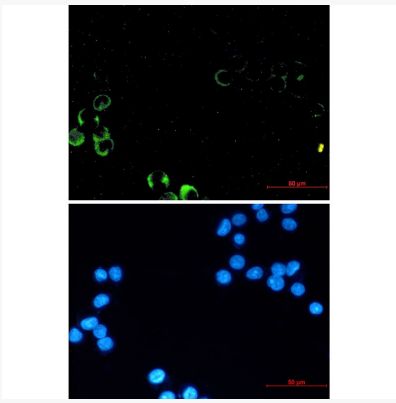
Protein Information

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.
Calculated MW	Calculated MW: 84 kDa; Observed MW: 84 kDa
Uniprot ID	P27986
Gene ID	5295
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.

Validation Images



Western blot analysis of PI3 Kinase p85 alpha in Jurkat, Rat Brain, C6, CHO-K1 lysates using PI3 Kinase p85 alpha antibody.



Immunocytochemistry analysis of PI3 Kinase p85 alpha (green) in MCF-7 using PI3 Kinase p85 alpha antibody and DAPI (blue)