Anti-PI3 Kinase p85 beta Mouse mAb

Purified Mouse Monoclonal Antibody

Catalog # M013568

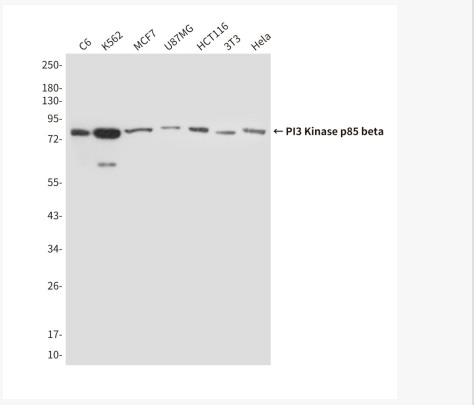
Product Information

Application	WB, ELISA
Reactivity	Human, Mouse (Cell), Rat
Dilution	WB 1:500~1:1,000
Host	Mouse
Clonality	Monoclonal
Clone No.	96M39L54
Isotype	IgG1
Label	Unconjugated
Immunogen	Purified recombinant human PI3 Kinase p85 beta protein fragments expressed in E.coli.
Format	Buffer System: Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3. 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 beta antibody [96M39L54] is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Synonyms	p85, p85 beta, p85-BETA, P85B, P85B_HUMAN, Phosphatidylinositol 3 kinase, Phosphatidylinositol 3 kinase regulatory beta subunit, Phosphatidylinositol 3 kinase regulatory subunit beta, Phosphatidylinositol 3 kinase regulatory subunit polypeptide 2, Phosphatidylinositol 3 kinase, regulatory subunit, polypeptide 2 (p85 beta), Phosphatidylinositol 3-kinase 85 kDa regulatory subunit beta, phosphatidylinositol 3-kinase, Phosphatidylinositol 3-kinase regulatory beta subunit, Phosphatidylinositol 3-kinase regulatory subunit beta, Phosphoinositide 3 kinase regulatory subunit 2 (beta), Phosphoinositide 3 kinase regulatory subunit 2, Phosphoinositide 3 kinase regulatory subunit polypeptide 2 (p85 beta), Phosphoinositide 3 kinase regulatory subunit polypeptide 2, Phosphoinositide 3 kinase, regulatory subunit 2 (beta), Phosphoinositide 3 kinase, regulatory subunit 2 (p85 beta), PI3 kinase p85 beta subunit, PI3 kinase p85 subunit beta, PI3-kinase regulatory subunit beta, PI3-kinase subunit p85-beta, PI3K, PI3K regulatory subunit beta, PIK3R 2, PIK3R2, polypeptide 2 (p85 beta), PtdIns 3 kinase p85 beta, PtdIns-3-kinase p85-beta, PtdIns-3-kinase regulatory subunit beta, PtdIns-3-kinase regulatory subunit p85-beta.
Calculated MW	Calculated MW: 82 kDa; Observed MW: 85 kDa
Uniprot ID	O00459
Gene ID	5296
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.

Validation Images



Western blot analysis of PI3 Kinase p85 beta in C6, K562, MCF-7, U87-MG, HCT116, 3T3 and Hela lysates using PI3 Kinase p85 beta antibody.