

PI3 Kinase P85 α Mouse Monoclonal Antibody(2D2)

Catalog No: RA10040

Basic Information

Host species	Mouse
Applications	WB, IHC
Species Cross-Reactivity	R, M
Specificity	Antibody can detects endogenous PI3 Kinase P85 α protein.
Recommended dilutions	WB: 1:1,000-2,000 IHC: 1:100-200 Optimal dilutions should be determined by the end user.

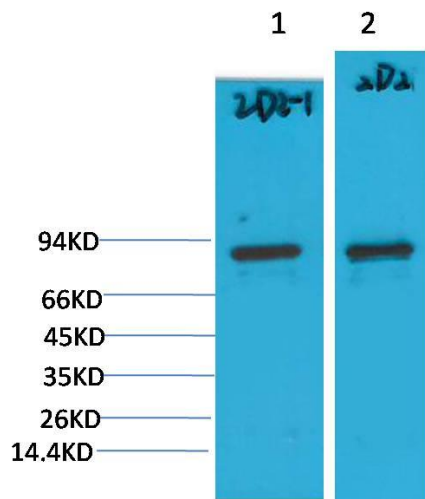
Applications

Formulation	PBS, pH 7.4, containing 0.02% sodium azide as Preservative and 50% Glycerol.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Concentration	1 mg/ml
Clonality	Monoclonal

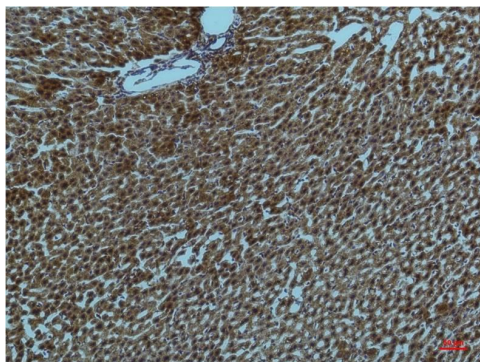
Background

Alternative Names	GRB1 antibody, p85 alpha antibody, PI3K antibody, PIK3R1 antibody
Observed band	85
Human Gene ID	5295
Human Swiss-Prot Number	P27986
Background	Phosphatidylinositol-4,5-bisphosphate 3-kinase (also called phosphatidylinositide 3-kinases, phosphatidylinositol-3-kinases, PI 3-kinases, PI(3)Ks, PI-3Ks or by the HUGO official stem symbol for the gene family, PI3K(s)) are a family of enzymes involved in cellular functions such as cell growth, proliferation, differentiation, motility, survival and intracellular trafficking, which in turn are involved in cancer.

Selected Validation Data



Western blot analysis of 1)3T3, 2) Rat LiverTissue with PI3 Kinase P85 α Mouse mAb diluted at 1:2,000.



Immunohistochemical analysis of paraffin-embedded Rat Liver Tissue using PI3 Kinase P85 α Mouse mAb diluted at 1:200.