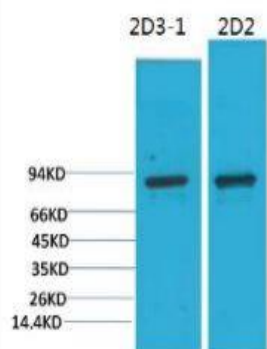


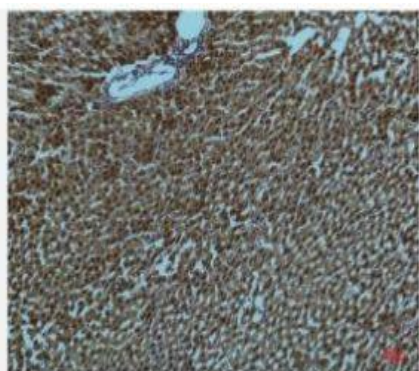
## PI3 Kinase P85 $\alpha$ Monoclonal Antibody(2D2)

<b>Catalog No.</b>	IMB0072
<b>Reactivity</b>	Rat;Mouse
<b>Applications</b>	WB; IHC-p;
<b>Gene Name</b>	PIK3R1
<b>Protein Name</b>	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
<b>Human Gene Id</b>	5295
<b>Swiss-Prot</b>	P27986
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source</b>	Monoclonal, Mouse
<b>Dilution</b>	WB: 1:1000-2000 IHC: 1:100-200
<b>Purification</b>	The antibody was affinity-purified from mouse ascites by affinity-chromatography using specific immunogen.
<b>Concentration</b>	1 mg/ml
<b>Storage&amp;Stability</b>	-20°C/1 year
<b>Background</b>	Phosphatidylinositol 3-kinase phosphorylates the inositol ring of phosphatidylinositol at the 3-prime position. The enzyme comprises a 110 kD catalytic subunit and a regulatory subunit of either 85, 55, or 50 kD. This gene encodes the 85 kD regulatory subunit. Phosphatidylinositol 3-kinase plays an important role in the metabolic actions of insulin, and a mutation in this gene has been associated with insulin resistance. Alternative splicing of this gene results in four transcript variants encoding different isoforms.
<b>Subcellular Location.</b>	nucleus, cytoplasm, cis-Golgi network, cytosol, plasma membrane, cell-cell junction, phosphatidylinositol 3-kinase complex, phosphatidylinositol 3-kinase complex, class IA,membrane, perinuclear endoplasmic reticulum membrane.
<b>BiowMW</b>	-

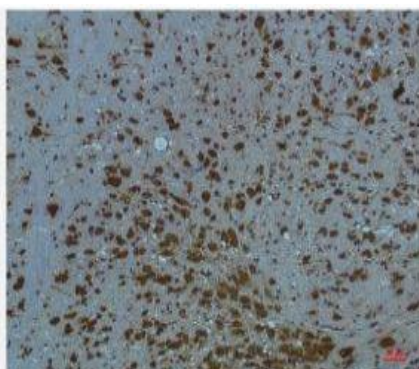
**Products Images:**



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



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



Immunohistochemical analysis of paraffin-embedded Mouse BrainTissue using PI3 Kinase P85  $\alpha$  Mouse mAb diluted at 1:200.