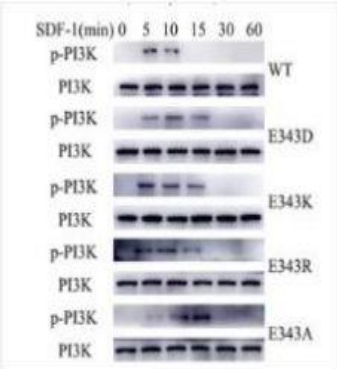
PRODUCT DATA SHEET

PI3 Kinase P85α Monoclonal Antibody(3B7)

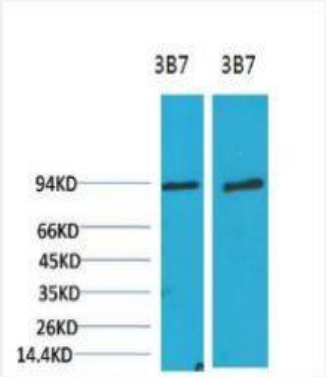
Catalog No.	IMB0025
Reactivity	Rat;Mouse
Applications	WB; IHC-p;
Gene Name	PIK3R1
Protein Name	Phosphatidylinositol 3-kinase regulatory subunit alpha (PI3-kinase regulatory subunit alpha) (PI3K regulatory subunit alpha) (PtdIns-3-kinase regulatory subunit alpha) (Phosphatidylinositol 3-kinase 85 kDa regulatory subunit alpha) (PI3-kinase subunit p85
Human Gene Id	5295
Swiss-Prot	P27986
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse
Dilution	WB: 1:1000-2000 IHC: 1:100-200
PurIF:ication	The antibody was affinity-purIF:ied from mouse ascites by affinity-chromatography using specIF:ic immunogen.
Concentration	1 mg/ml
Storage&Stability	-20°C/1 year
Background	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 dIF:ferent isoforms.
Subcellular Location.	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,
BiowMW	-

Products Images:

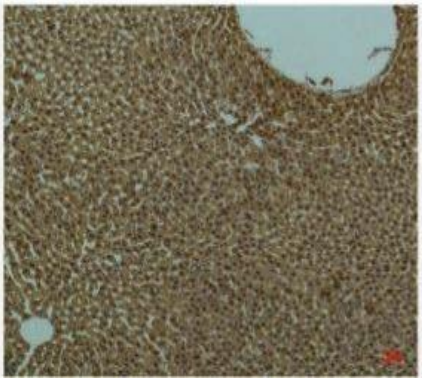
PRODUCT DATA SHEET



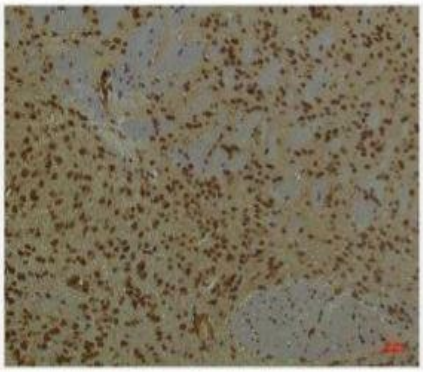
Wang, L., Xiong, Q., Li, P. et al. The negative charge of the 343 site is essential for maintaining physiological functions of CXCR4. BMC Mol and Cell Biol 22, 8 (2021).



Western blot analysis of 1)3T3, 2) Rat LiverTissue with PI3 Kinase P85α 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.



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