

## PI3 Kinase P85α Mouse Monoclonal Antibody(2D2)

Catalog TDY479C TDY479F

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Quantity 50μL 100μL

Entrez-Gene ID:5295 , Swiss-Prot Acc.P27986

**For research use only.**

Applications	Species Cross-Reactivity	Molecular Weight	Isotype
WB, IHC	R, M	~85KD	IgG1

**Storage Buffer & Condition:** PBS, pH 7.4, containing 0.02% **sodium azide** as Preservative and 50% Glycerol.  
Store at **-20°C. Do not aliquot the antibody.**

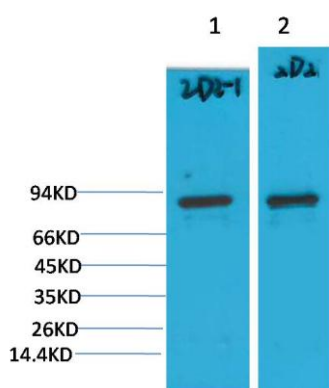
**Recommended dilutions:** WB: 1:1,000-2,000 IHC: 1:100-200

**Optimal dilutions should be determined by the end user.**

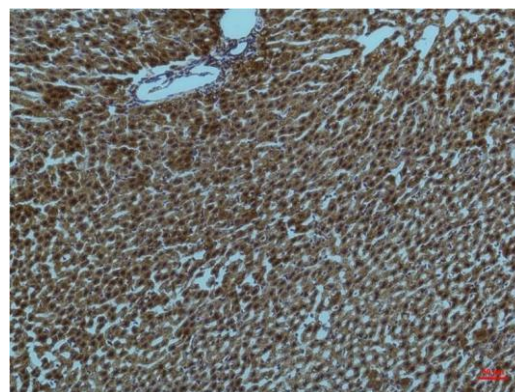
**Specificity:** Antibody can detects endogenous PI3 Kinase P85α protein.

**Alternative Names:** GRB1 antibody, p85 alpha antibody, PI3K antibody, PIK3R1 antibody

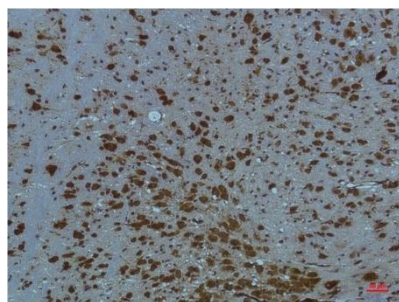
**Background:** Phosphatidylinositol-4,5-bisphosphate 3-kinase (also called **phosphatidylinositide 3-kinases**, **phosphatidylinositol-3-kinases**, **PI 3-kinases**, **PI(3)Ks**, **PI-3Ks** or by the HUGO official stem symbol for the gene family, **PI3K(s)**) are a family of enzymes involved in cellular functions such as cell growth, proliferation, differentiation, motility, survival and intracellular trafficking, which in turn are involved in cancer.



Western blot analysis of 1)3T3, 2) Rat LiverTissue with PI3 Kinase P85α Mouse mAb TDY479 diluted at 1:2,000.



Immunohistochemical analysis of paraffin-embedded Rat Liver Tissue using PI3 Kinase P85 α (TDY479) Mouse mAb diluted at 1:200.



Immunohistochemical analysis of paraffin-embedded Mouse BrainTissue using PI3 Kinase P85 α (TDY479) Mouse mAb diluted at 1:200.

**Applications:** WB-Western blot IHC-Immunochemistry IF-Immunofluorescence IP-Immunoprecipitation ChIP-Chormatin Immunoprecipitation  
**Reactivity:** H-Human R-Rat M-Mouse Mk-Monkey Dg-Dog Ch-Chicken Hm-Hamster Rb-Rabbit Sh-Sheep Pg-Pig Z-Zebrafish