

**PI3 Kinase p85 alpha (1C8) monoclonal antibody**

Catalog: MB3331

Host: Mouse

Reactivity: Human, Mouse, Rat

**BackGround:**

Binds to activated (phosphorylated) protein-Tyr kinases, through its SH2 domain, and acts as an adapter, mediating the association of the p110 catalytic unit to the plasma membrane. Necessary for the insulin-stimulated increase in glucose uptake and glycogen synthesis in insulin-sensitive tissues. Plays an important role in signaling in response to FGFR1, FGFR2, FGFR3, FGFR4, KITLG/SCF, KIT, PDGFRA and PDGFRB. Likewise, plays a role in ITGB2 signaling.

**Product:**

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.

**Molecular Weight:**

Calculated MW: 84 kDa; Observed MW: 84 kDa

**Swiss-Prot:**

P27986

**Purification&Purity:**

Affinity Purified

**Applications:**

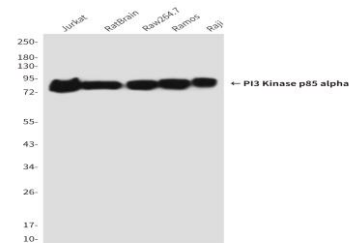
WB: 1/500-1/1000 IHC: 1/50-1/100

**Storage&Stability:**

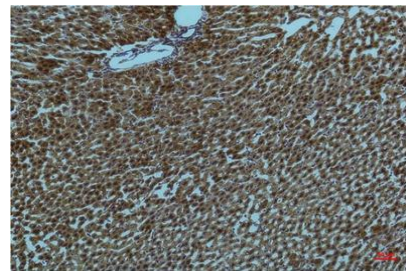
Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

**Isotype:**

IgG1

**DATA:**

Immunohistochemistry analysis of paraffin-embedded rat Liver Tissue using PI3 Kinase p85 alpha antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.



Immunohistochemical analysis of paraffin-embedded Human tonsils using PI3 Kinase p85 alpha antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

Western blot analysis of PI3 Kinase p85 alpha in Jurkat, rat Brain, Raw264.7, Ramos, Raji lysates using PI3 Kinase p85 alpha antibody  
Western blot analysis of PI3 Kinase p85 alpha in HeLa, A549, HL-60, U2OS, C6 lysates using PI3 Kinase p85 alpha antibody.

**Note:**

For research use only, not for use in diagnostic procedure.

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