

**PI3 Kinase p85 alpha (3H5) monoclonal antibody**

Catalog: MB3330

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:**

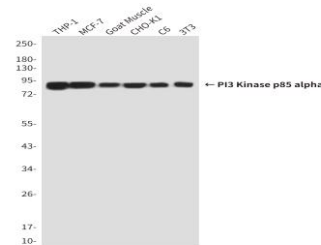
WB: 1/500-1/1000 IHC: 1/50-1/100

**Storage&Stability:**

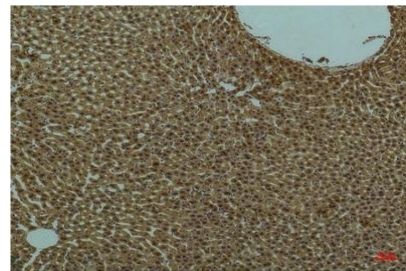
Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

**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 THP-1, MCF-7, Goat Muscle, CHO-K1, C6, 3T3 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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