

PI 3 Kinase p85 β mouse mAb

| Catalog No : | YM1370 |
|--------------------------|---|
| Reactivity : | Human;Mouse;Rat |
| Applications : | WB |
| Target : | PI3 Kinase p85 β |
| Fields : | >>EGFR tyrosine kinase inhibitor resistance;>>Endocrine resistance;>>Platinum drug resistance;>>ErbB signaling pathway;>>Ras signaling pathway;>>Rap1 signaling pathway;>>CAMP signaling pathway;>>Chemokine signaling pathway;>>HIF-1 signaling pathway;>>FoxO signaling pathway;>>Phosphatidylinositol signaling system;>>Sphingolipid signaling pathway;>>Phospholipase D signaling pathway;>>Autophagy - animal;>>mTOR signaling pathway;>>PI3K-Akt signaling pathway;>>AMPK signaling pathway;>>Apoptosis;>>Longevity regulating pathway;>>Longevity regulating pathway - multiple species;>>Cellular senescence;>>Axon guidance;>>VEGF signaling pathway;>>Osteoclast differentiation;>>Focal adhesion;>>Signaling pathways regulating pluripotency of stem cells;>>Platelet activation;>>Neutrophil extracellular trap formation;>>Toll-like receptor signaling pathway;>>C-type lectin receptor signaling pathway;>>JAK-STAT signaling pathway;>>Natural killer cell mediated cytotoxicity;>>T cell receptor signaling pathway;>> |
| Gene Name : | pik3r2 |
| Human Gene Id : | 5296 |
| Human Swiss Prot No : | O00459 |
| Mouse Swiss Prot No : | O08908 |
| Immunogen : | Purified recombinant human PI3 Kinase p85 beta protein fragments expressed in E.coli. |
| Specificity : | This antibody detects endogenous levels of PI3 Kinase p85 beta and does not cross-react with related proteins. |
| Formulation : | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. |



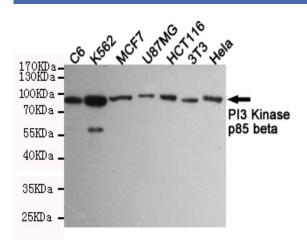
| Best Tools for immunolog | gy Research |
|---------------------------|---|
| Source : | Monoclonal, Mouse |
| Dilution : | wb 1:1000 |
| Purification : | The antibody was affinity-purified from mouse ascites by affinity- chromatography using epitope-specific immunogen. |
| Concentration : | 1 mg/ml |
| Storage Stability : | -15°C to -25°C/1 year(Do not lower than -25°C) |
| Observed Band : | 85kD |
| Cell Pathway : | ErbB_HER;Chemokine;Phosphatidylinositol signaling system;mTOR;Apoptosis_ Inhibition;Apoptosis_Mitochondrial;Apoptosis_Overview;VEGF;Focal adhesion;Toll_Like;Jak_STAT;Natural killer cell mediated cytoto |
| Background : | Phosphatidylinositol 3-kinase (PI3K) is a lipid kinase that phosphorylates phosphatidylinositol and similar compounds, creating second messengers important in growth signaling pathways. PI3K functions as a heterodimer of a regulatory and a catalytic subunit. The protein encoded by this gene is a regulatory component of PI3K. Two transcript variants, one protein coding and the other non-protein coding, have been found for this gene. [provided by RefSeq, Dec 2012], |
| Function : | function:Binds to activated (phosphorylated) protein-tyrosine kinases, through its SH2 domain, and acts as an adapter, mediating the association of the p110 catalytic unit to the plasma membrane.,similarity:Belongs to the PI3K p85 subunit family.,similarity:Contains 1 Rho-GAP domain.,similarity:Contains 1 SH3 domain.,similarity:Contains 2 SH2 domains.,subunit:Heterodimer of a p110 (catalytic) and a p85 (regulatory) subunits., |
| Subcellular Location : | nucleus,cytosol,phosphatidylinositol 3-kinase complex, |
| Expression : | Brain,Epithelium,Kidney,Placenta, |
| Tag : | hot |
| Sort : | 600 |
| No4 : | 1 |
| Host : | Mouse |



Modifications :

Unmodified

Products Images



Western blot detection of PI3 Kinase p85 beta in C6,K562,MCF7,U87MG,HCT116,3T3 and Hela cell lysates using PI3 Kinase p85 beta mouse mAb (1:1000 diluted).Predicted band size:85KDa.Observed band size:85KDa.