# Anti-PI3 Kinase p85 alpha Rabbit mAb

Purified Recombinant Rabbit Monoclonal Antibody

Catalog # R013961

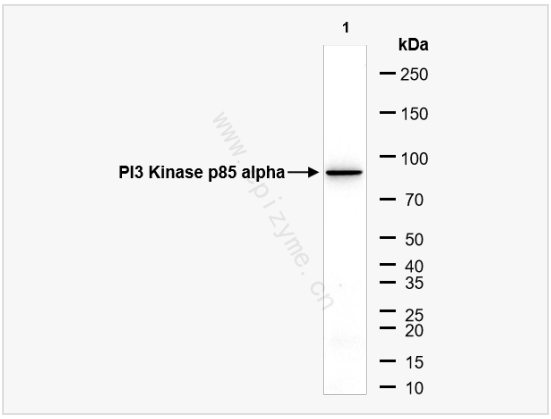
## Product Information

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|---|---|
| Application | ELISA, WB |
| Reactivity | Human, Mouse, Rat |
| Dilution | WB 1:1,000~1:2,000 |
| Host | Rabbit |
| Clonality | Monoclonal |
| Clone No. | 30H95H75 |
| Isotype | IgG |
| Label | Unconjugated |
| Immunogen | A synthesized peptide derived from human PI 3 Kinase p85 alpha |
| Format | Affinity purified monoclonal antibody supplied in PBS with 0.01% sodium azide and 50% glycerol, pH 7.3. |
| Storage | Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage. |
| Precautions | Anti-PI3 kinase p85 alpha Rabbit mAb [30H95H75] is for research use only and not for use in diagnostic or therapeutic procedures. |

## Protein Information

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|---|---|
| Synonyms | GRB1, P85A, PI3-kinase p85-alpha, PI3K, PI3K p85-alpha, ptdIns-3-kinase p85-alpha. |
| Calculated MW | Calculated MW: 84 kDa; Observed MW: 85 kDa |
| Uniprot ID | P27986 |
| 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. |

## Validation Images




Western Blot - Anti-PI3 kinase p85 alpha Rabbit mAb [30H95H75]
All lanes: R013961 at 1:1,000 dilution
Lane 1: Rat spleen whole tissue lysates
Lysates/proteins at 10 µg per lane.
Secondary antibody: Goat Anti-Rabbit IgG(H+L), HRP Conjugated (Cat. No. LF102) at 1:5,000 dilution
Predicted band size: 84 kDa
Observed band size: 85 kDa
Developed using the ECL technique (Cat. No. SQ201).