

Anti-PI3 kinase p85 alpha Rabbit mAb

Purified Recombinant Rabbit Monoclonal Antibody

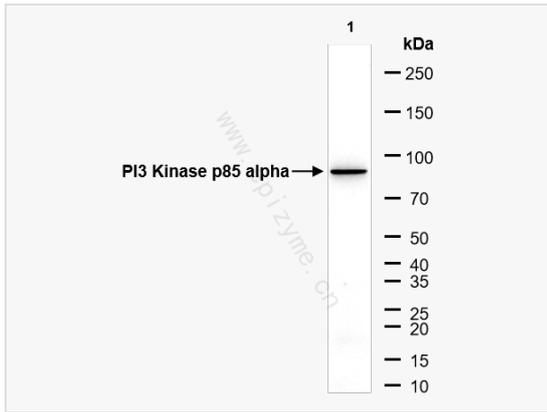
Catalog # R013961

Product Information

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

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.



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 μ g 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).