Product Datasheet

PI 3 Kinase p85 alpha Rabbit mAb

Catalog No: #58744

Package Size: #58744-1 50ul #58744-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

Description

Product Name	PI 3 Kinase p85 alpha Rabbit mAb
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Purification	Affinity-chromatography
Applications	WB
Species Reactivity	Human Mouse Rat
Specificity	PI 3 Kinase p85 alpha Antibody detects endogenous levels of total PI 3 Kinase p85 alpha
Immunogen Description	A synthesized peptide derived from human PI 3 Kinase p85 alpha
Other Names	GRB1; P85A; PI3-kinase p85-alpha; PI3K; PI3K p85-alpha; ptdIns-3-kinase p85-alpha;
Accession No.	Uniprot:P27986
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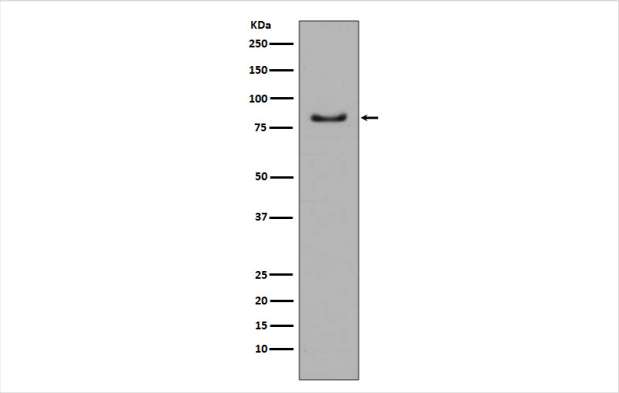
Formulation	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Application Details

WB 1:500~1:2000

Images



Western blot analysis of PI 3 Kinase p85 alpha expression in A431 cell lysate.

Product Description

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.

Background

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Note: This product is for in vitro research use only