

PI3 Kinase p85 alpha Rabbit mAb

Catalog No: #52838

Package Size: #52838-1 50ul #52838-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

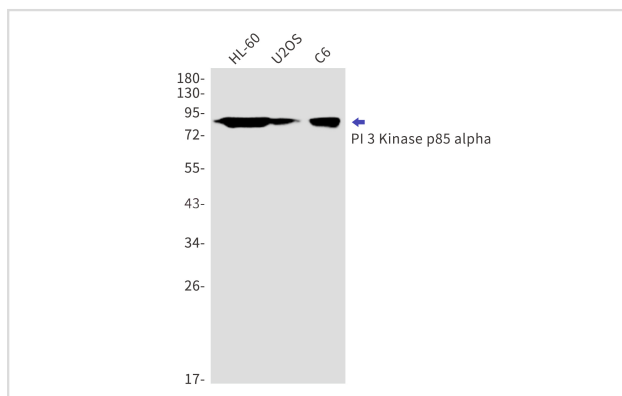
Description

Product Name	PI3 Kinase p85 alpha Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal antibody
Clone No.	S08-8H6
Isotype	IgG
Purification	Affinity Purified
Applications	WB
Species Reactivity	Human,Mouse,Rat
Immunogen Description	A synthetic peptide of human PI 3 Kinase p85 alpha
Conjugates	Unconjugated
Modification	Unmodification
Other Names	p85; AGM7; GRB1; IMD36; p85-ALPHA
Accession No.	Swiss-Prot:P27986GenelD:5295
Uniprot	P27986
GenelD	5295
Calculated MW	Calculated MW:84 kDa,Observed MW:84 kDa
Concentration	0.3 mg/ml
Formulation	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

Application Details

WB: 1/1000

Images



Western blot detection of PI 3 Kinase p85 alpha in HL-60,U2OS,C6 cell lysates using PI 3 Kinase p85 alpha Rabbit mAb(1:1000 diluted).Predicted band size:84kDa.Observed band size:84kDa.

Background

Phosphatidylinositol 3-kinase phosphorylates the inositol ring of phosphatidylinositol at the 3-prime position. The enzyme comprises a 110 kD catalytic subunit and a regulatory subunit of either 85, 55, or 50 kD. This gene encodes the 85 kD regulatory subunit. Phosphatidylinositol 3-kinase plays an important role in the metabolic actions of insulin, and a mutation in this gene has been associated with insulin resistance. Alternative splicing of this gene results in four transcript variants encoding different isoforms. [provided by RefSeq, Jun 2011]

Note: This product is for in vitro research use only