

PI3 kinase p85 alpha + gamma (Phospho-Tyr467 + Tyr199) antibody FITC Conjugated

Catalog No: #C04630F

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

Description

Product Name	PI3 kinase p85 alpha + gamma (Phospho-Tyr467 + Tyr199) antibody FITC Conjugated
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Purified by Protein A.
Applications	IF
Species Reactivity	HuB MsB RtB B
Immunogen Description	KLH conjugated synthetic phosphopeptide aa 176-212 461 derived from human PI3K around the phosphorylation site of p85 alphaTyr467
Conjugates	FITC
Target Name	PI3 kinase p85 alpha + gamma Tyr467 + Tyr199
Other Names	p85; AGM7; GRB1; IMD36; p85-ALPHA; Phosphatidylinositol 3-kinase regulatory subunit alpha; PI3-kinase regulatory subunit alpha; PI3K regulatory subunit alpha; PtdIns-3-kinase regulatory subunit alpha; Phosphatidylinositol 3-kinase 85 kDa regulatory subunit alpha; PI3-kinase subunit p85-alpha; PtdIns
Accession No.	Swiss-Prot#P27986NCBI Gene ID5295
Uniprot	P27986
GeneID	5295;
Excitation Emission	494nm 518nm
Cell Localization	Cytoplasm
Concentration	1mg ml
Formulation	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Application Details

IF=1:50-200B

Background

Binds to activated (phosphorylated) protein-Tyr kinases, through its SH2 domain, and acts as an adapter, mediating the association of the p11 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.

Note: This product is for in vitro research use only