PI 3 Kinase p85 alpha Conjugated Antibody

Catalog No: #C48848



 Package Size:
 #C48848-AF350 100ul
 #C48848-AF405 100ul
 #C48848-AF488 100ul

 #C48848-AF555 100ul
 #C48848-AF594 100ul
 #C48848-AF647 100ul

 #C48848-AF680 100ul
 #C48848-AF750 100ul
 #C48848-Biotin 100ul

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

Description

Host SpeciesRabbitClonalityMonoclonalSpecies ReactivityHu, Ms, RtImmunogen Descriptionrecombinant proteinConjugatesBiotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750Other NamesGRB1 antibody p85 alpha antibody p85 antibody P85A_HUMAN antibody Phosphatidylinositol 3 kinase associated p 85 alpha antibody Phosphatidylinositol 3 kinase regulatory 1 antibody Phosphatidylinositol 3 kinase, regulatory subunit alpha antibody Phosphatidylinositol 3-kinase regulatory subunit alpha antibody Phosphoinositid 3 kinase, regulatory subunit alpha antibody Phosphatidylinositol 3-kinase regulatory subunit alpha antibody Phosphoinositid 3 kinase, regulatory subunit alpha antibody P13-kinase regulatory subunit alpha antibody P13-kinase regulatory subunit alpha antibody P13-kinase regulatory subunit alpha antibody P13-kinase regulatory subunit alpha antibody P13-kinase regulatory subunit alpha antibody P13-kinase regulatory subunit alpha antibody P13-kinase regulatory subunit alpha antibody P13-kinase regulatory subunit alpha antibody P13-kinase regulatory subunit alpha antibody P13-kinase regulatory subunit alpha antibody P13-kinase regulatory subunit alpha antibody P13-kinase regulatory subunit alpha antibody P13-kinase regulatory subunit alpha antibody P13-kinase regulatory subunit alpha antibody P13-kinase regulatory subunit alpha antibody P13-kinase regulatory subunit alpha antibody P13-kinase regulatory subunit alpha antibody P13-kinase regulatory subunit alpha antibody P13-kinase regulatory subunit alpha antibody P13-kinase regulatory subunit alpha antibody P13-kinase regulatory subunit alpha antibody P13-kinase regulatory subunit alpha antibody P13-kinase regulatory subunit alpha antibody P13-kinase regulatory subunit alpha antibody P13-kinase regulatory subunit alpha antibody P13-kinase regula						
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Formulation 0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide	Uniprot GeneID	Swiss-Prot#:P27986 P27986 5295; AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm				
Storage Store at 4°C in dark for 6 months	Uniprot GeneID Excitation Emission	Swiss-Prot#:P27986 P27986 5295; AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm				

Application Details		
WB: 1:1,000-1:2,000		
IHC: 1:50-1:200		
ICC: 1:50-1:200		
FC: 1:50-1:100		

Background

Phosphatidylinositol 3-kinase (PI 3-kinase) phosphorylates the 3' OH position of the inositol ring of inositol lipids and is composed of p85 and p110 subunits. PI 3-kinase p85 lacks PI 3-kinase activity and acts as an adapter, coupling p110 to activated protein tyrosine kinase. Two forms of p85 have been described (p85α and p85β), each possessing one SH3 and two SH2 domains. PI 3-kinase p85α, also known as GRB1, phosphatidylinositol 3-kinase regulatory 1 or p85, is a 724 amino acid protein that exists as four alternatively spliced isoforms. Involved in insulin metabolism, defects in the PI 3-kinase p85α gene have been linked to insulin resistance. PI 3-kinase p85α is polyubiquitinated in T-cells by Cbl-b, and has multiple phosphorylated amino acid residues, including a phosphorylated tyrosine residue at position 467.

Note: This product is for in vitro research use only