

PIK3CG Conjugated Antibody

Catalog No: #C37827



Package Size: #C37827-AF350 100ul #C37827-AF405 100ul #C37827-AF488 100ul
 #C37827-AF555 100ul #C37827-AF594 100ul #C37827-AF647 100ul
 #C37827-AF680 100ul #C37827-AF750 100ul #C37827-Biotin 100ul

Orders: order@signalwayantibody.com
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Description

Product Name	PIK3CG Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total PIK3CG protein.
Immunogen Description	Synthetic peptide corresponding to residues near the N terminal of human phosphatidylinositol-4,5-bisphosphate 3-kinase, catalytic subunit gamma
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	PI3K; PIK3; PI3CG; PI3Kgamma; p110gamma; p120-PI3K
Accession No.	Swiss-Prot#:P48736NCBI Gene ID:5294NCBI Protein#:NP_005017/O00329
Uniprot	P48736
GeneID	5294;
Excitation Emission	AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°C in dark for 6 months

Application Details

Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250

AF405 conjugated: most applications: 1: 50 - 1: 250

AF488 conjugated: most applications: 1: 50 - 1: 250

AF555 conjugated: most applications: 1: 50 - 1: 250

AF594 conjugated: most applications: 1: 50 - 1: 250

AF647 conjugated: most applications: 1: 50 - 1: 250

AF680 conjugated: most applications: 1: 50 - 1: 250

AF750 conjugated: most applications: 1: 50 - 1: 250

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

Background

This gene encodes a protein that belongs to the pi3/pi4-kinase family of proteins. The gene product is an enzyme that phosphorylates phosphoinositides on the 3-hydroxyl group of the inositol ring. It is an important modulator of extracellular signals, including those elicited by E-cadherin-mediated cell-cell adhesion, which plays an important role in maintenance of the structural and functional integrity of epithelia. In addition to its role in promoting assembly of adherens junctions, the protein is thought to play a pivotal role in the regulation of cytotoxicity in NK cells.?

Note: This product is for in vitro research use only