

PIK3CB Conjugated Antibody

Catalog No: #C37828



Package Size: #C37828-AF350 100ul #C37828-AF405 100ul #C37828-AF488 100ul
 #C37828-AF555 100ul #C37828-AF594 100ul #C37828-AF647 100ul
 #C37828-AF680 100ul #C37828-AF750 100ul #C37828-Biotin 100ul

Orders: order@signalwayantibody.com
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Description

Product Name	PIK3CB Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total PIK3CB protein.
Immunogen Description	Synthetic peptide corresponding to a region derived from internal residues of human phosphatidylinositol-4,5-bisphosphate 3-kinase, catalytic subunit beta
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	PI3K; PIK3C1; P110BETA; PI3KBETA
Accession No.	Swiss-Prot#:P42338NCBI Gene ID:5291NCBI Protein#:NP_002640/P48736
Uniprot	P42338
GeneID	5291;
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 an isoform of the catalytic subunit of phosphoinositide 3-kinase (PI3K). These kinases are important in signaling pathways involving receptors on the outer membrane of eukaryotic cells and are named for their catalytic subunit. The encoded protein is the catalytic subunit for PI3Kbeta (PI3KB). PI3KB has been shown to be part of the activation pathway in neutrophils which have bound immune complexes at sites of injury or infection. Alternative splicing results in multiple transcript variants.?

Note: This product is for in vitro research use only