

PIK3R2 Conjugated Antibody

Catalog No: #C37372



Package Size: #C37372-AF350 100ul #C37372-AF405 100ul #C37372-AF488 100ul
 #C37372-AF555 100ul #C37372-AF594 100ul #C37372-AF647 100ul
 #C37372-AF680 100ul #C37372-AF750 100ul #C37372-Biotin 100ul

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Description

Product Name	PIK3R2 Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu Rt
Specificity	The antibody detects endogenous levels of total PIK3R2 protein.
Immunogen Description	Synthetic peptide corresponding to residues near the C terminal of human phosphoinositide-3-kinase, regulatory subunit 2 (beta)
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	p85; MPPH; P85B; p85-BETA
Accession No.	Swiss-Prot#:O00459NCBI Gene ID:5296NCBI mRNA#:NCBI Protein#:NP_004431/Q15375
Uniprot	O00459
GeneID	5296;
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
Calculated MW	82
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

Background

Phosphatidylinositol 3-kinase (PI3K) is a lipid kinase that phosphorylates phosphatidylinositol and similar compounds, creating second messengers important in growth signaling pathways. PI3K functions as a heterodimer of a regulatory and a catalytic subunit. The protein encoded by this gene is a regulatory component of PI3K. Two transcript variants, one protein coding and the other non-protein coding, have been found for this gene.

Note: This product is for in vitro research use only