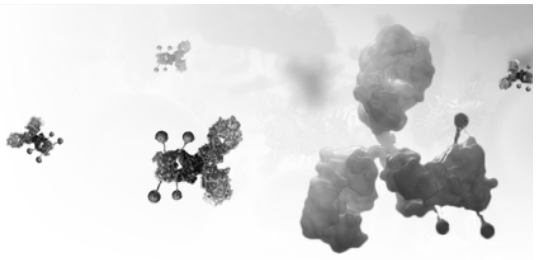

Anti-PIK3R1 monoclonal antibody, clone FQS6624 (DCABH-2807)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Rabbit monoclonal to PI 3 Kinase p85 alpha - N-terminal
Antigen Description	Binds to activated (phosphorylated) protein-Tyr kinases, through its SH2 domain, and acts as an adapter, mediating the association of the p110 catalytic unit to the plasma membrane. Necessary for the insulin-stimulated increase in glucose uptake and glycogen synthesis in insulin-sensitive tissues.
Immunogen	Synthetic peptide corresponding to a region within the N terminus of Human PI 3 Kinase p85 alpha (UniProt ID: P27986)
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Mouse, Rat, Human
Clone	FQS6624
Conjugate	Unconjugated
Applications	WB
Positive Control	Jurkat, Raji, K562, MCF7, C6, Raw 264.7, PC12, NIH3T3 cell lysates
Format	Liquid
Size	40 µl
Buffer	pH: 7.20; Preservative: 0.01% Sodium azide; Constituents: 49% PBS, 50% Glycerol, 0.05% BSA

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Storage	Store at -20°C. Stable for 12 months at -20°C

GENE INFORMATION

Gene Name	PIK3R1 phosphoinositide-3-kinase, regulatory subunit 1 (alpha) [Homo sapiens]
Official Symbol	PIK3R1
Synonyms	PIK3R1; phosphoinositide-3-kinase, regulatory subunit 1 (alpha); phosphatidylinositol 3-kinase regulatory subunit alpha; GRB1; p85; p85 ALPHA; PI3-kinase subunit p85-alpha; PI3K regulatory subunit alpha; ptdIns-3-kinase regulatory subunit alpha; phosphati
Entrez Gene ID	5295
Protein Refseq	NP_001229395
UniProt ID	P27986
Chromosome Location	5q13.1
Pathway	3-phosphoinositide biosynthesis, organism-specific biosystem; 3-phosphoinositide biosynthesis, conserved biosystem; Acute myeloid leukemia, organism-specific biosystem; Acute myeloid leukemia, conserved biosystem; Adaptive Immune System, organism-specific biosystem; Aldosterone-regulated sodium reabsorption, organism-specific biosystem; Aldosterone-regulated sodium reabsorption, conserved biosystem;
Function	1-phosphatidylinositol binding; ErbB-3 class receptor binding; insulin binding; insulin receptor binding; insulin receptor substrate binding; insulin-like growth factor receptor binding; neurotrophin TRKA receptor binding; phosphatidylinositol 3-kinase re

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