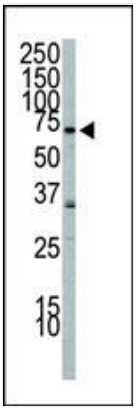
PI3KR2 Antibody – Rabbit Polyclonal

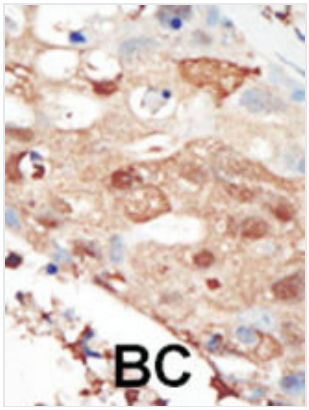
PRODUCT OVERVIEW

Product Name	PI3KR2, Polyclonal Antibody
Full Product Name	PI3KR2, CT (PIK3R2, Phosphatidylinositol 3-kinase regulatory subunit beta, Phosphatidylinositol 3-kinase 85kD regulatory subunit beta) (PE)
Product Gene Name	anti-PI3KR2 antibody
Product Synonym Gene Name	PIK3R2
Product Synonym Names	PIK3R2; Phosphatidylinositol 3-kinase regulatory subunit beta; Phosphatidylinositol 3-kinase 85kD regulatory subunit beta
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with R-Phycoerythrin (PE).
Purity/Purification	Purified by Protein G Affinity Chromatography.
Preparation and Storage	Store product at 4 degree C in the dark. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Caution: PE conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial prior to removing the cap.
Molecular Weight	728
Chromosome Location	Chromosome: 19; NC_000019.9 (18263988..18281343). Location: 19q13.2-q13.4
OMIM	603157
3D Structure	ModBase 3D Structure for O00459
Immunogen	PI3KR2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 276~305 amino acids from the C-terminal region of human PI3KR2.
Conjugate	PE
Note	Preservative Free
Special Handling	Light sensitive
Product Categories/Family for anti-PI3KR2 antibody	Antibodies; Protein Kinases
Applications Tested/Suitable for anti-PI3KR2 antibody	Immunohistochemistry (IHC), FLISA, Western Blot (WB)
Application Notes for anti-PI3KR2 antibody	IHC: 1:50-100 FLISA: 1:1,000 WB: 1:100-500 Applications are based on unconjugated antibody.
Related Product Information for anti-PI3KR2 antibody	PI3KR2 binds to activated (phosphorylated) protein-tyrosine kinases, through its SH2 domain, and acts as an adapter, mediating the association of the p110 catalytic unit to the plasma membrane.

Product References and Citations for anti-PI3KR2 antibody	Janssen, J.W., et al., Oncogene 16(13):1767-1772 (1998). Volinia, S., et al., Oncogene 7(4):789-793 (1992). Carpenter, C.L., et al., J. Biol. Chem. 265(32):19704-19711 (1990).
Other Notes	Small volumes of anti-PI3KR2 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for PI3KR2 purchase	MBS6333738 is an antibody targeting PI3KR2. Also known as PI3KR2, CT (PIK3R2, Phosphatidylinositol 3-kinase regulatory subunit beta, Phosphatidylinositol 3-kinase 85kD regulatory subunit beta) (PE). Reactive in Human. Host: Rabbit.



Western Blot (WB) of anti-PI3KR2 antibody
Western blot analysis of anti-PI3KR2 Pab in A549 cell lysate. PI3KR2 (arrow) was detected using purified Pab. Secondary HRP-anti-rabbit was used for signal visualization with chemiluminescence.



Immunohistochemistry (IHC) of anti-PI3KR2 antibody
Formalin-fixed and paraffin-embedded human cancer tissue reacted with the primary antibody, which was peroxidase-conjugated to the secondary antibody, followed by AEC staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated. BC = breast carcinoma; HC = hepatocarcinoma.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for PI3KR2. It may not necessarily be applicable to this product.

NCBI GI #	4826908
NCBI GeneID	5296
NCBI Accession #	NP_005018.1
UniProt Primary Accession #	O00459
UniProt Secondary Accession #	Q5EAT5; Q9UPH9
UniProt Related Accession #	O00459
GenBank Nucleotide #	NM_005027.3
NCBI Official Full Name	phosphatidylinositol 3-kinase regulatory subunit beta
NCBI Official Synonym Full Names	phosphoinositide-3-kinase, regulatory subunit 2 (beta)
NCBI Official Symbol	PIK3R2
NCBI Official Synonym Symbols	p85; MPPH; P85B; p85-BETA
UniProt Protein Name	Phosphatidylinositol 3-kinase regulatory subunit beta
UniProt Synonym Protein Names	Phosphatidylinositol 3-kinase 85 kDa regulatory subunit beta
UniProt Gene Name	PIK3R2
UniProt Synonym Gene Names	PI3-kinase regulatory subunit beta; PI3K regulatory subunit beta; PtdIns-3-kinase regulatory subunit beta; PI3-kinase subunit p85-beta
UniProt Entry Name	P85B_HUMAN

NCBI Protein Information	phosphatidylinositol 3-kinase regulatory subunit beta; PI3-kinase subunit p85-beta; PI3K regulatory subunit beta; ptdIns-3-kinase regulatory subunit p85-beta; phosphatidylinositol 3-kinase 85 kDa regulatory subunit beta; phosphatidylinositol 3-kinase, reg
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