

Datasheet for ABIN655491
anti-PIK3R5 antibody (C-Term)

3 Images

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Overview

Quantity:	400 µL
Target:	PIK3R5
Binding Specificity:	AA 763-792, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PIK3R5 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	This PIK3R5 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 763-792 amino acids from the C-terminal region of human PIK3R5.
Clone:	RB11622
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	PIK3R5
Alternative Name:	PIK3R5 (PIK3R5 Products)

Target Details

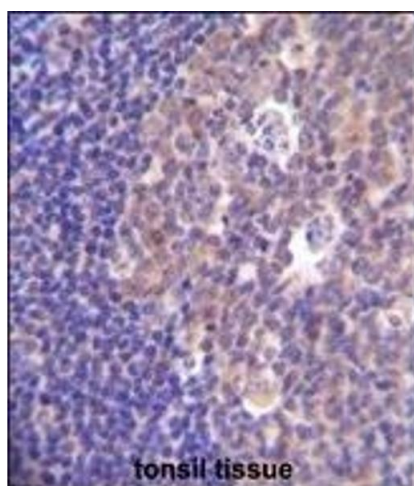
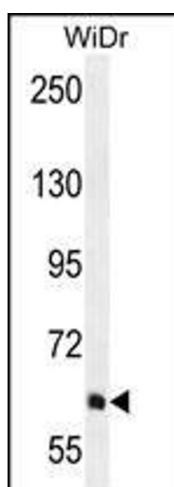
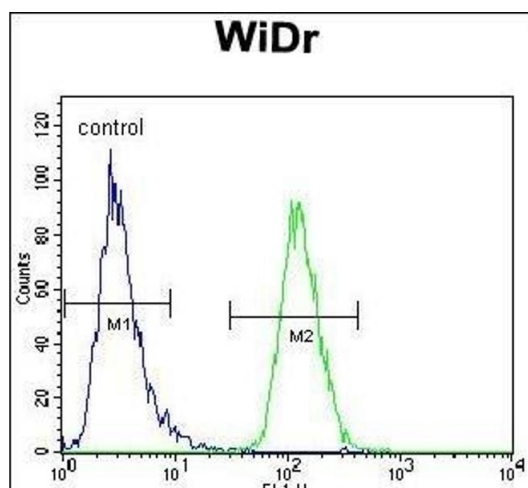
Background:	Receptor-regulated class I phosphoinositide 3-kinases (PI3Ks) phosphorylate the membrane lipid phosphatidylinositol 4,5-bisphosphate (PtdIns(4,5)P2) to PtdIns(3,4,5)P3, which in turn recruits and activates cytosolic effectors involved in proliferation, survival, or chemotaxis. PIK3R5 is a PI3K regulatory subunit (Brock et al., 2003 [PubMed 12507995]).
Molecular Weight:	97348
Gene ID:	23533
NCBI Accession:	NP_001136105 , NP_001238780 , NP_001238781 , NP_001238782 , NP_001238784 , NP_055123
UniProt:	Q8WYR1
Pathways:	PI3K-Akt Signaling , Inositol Metabolic Process , Hepatitis C , VEGF Signaling

Application Details

Application Notes:	WB: 1:1000. IHC-P: 1:50~100. FC: 1:10~50
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months



Flow Cytometry

Image 1. PIK3R5 Antibody (C-term) (ABIN655491 and ABIN2845011) flow cytometric analysis of WiDr cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

Western Blotting

Image 2. PIK3R5 Antibody (C-term) (ABIN655491 and ABIN2845011) western blot analysis in WiDr cell line lysates (35 μ g/lane). This demonstrates the PIK3R5 antibody detected the PIK3R5 protein (arrow).

Immunohistochemistry (Paraffin-embedded Sections)

Image 3. PIK3R5 Antibody (C-term) (ABIN655491 and ABIN2845011) immunohistochemistry analysis in formalin fixed and paraffin embedded human tonsil tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of PIK3R5 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.