PI3R6 Monoclonal Antibody

Catalog No	BYmab-05927
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB
Gene Name	PIK3R6 C17orf38
Protein Name	Phosphoinositide 3-kinase regulatory subunit 6 (Phosphoinositide 3-kinase gamma adapter protein of 87 kDa) (p84 PI3K adapter protein) (p84 PIKAP) (p87 PI3K adapter protein) (p87PIKAP)
Immunogen	Synthesized peptide derived from human protein . at AA range: 280-360
Specificity	PI3R6 Monoclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	82kD
Cell Pathway	Cytoplasm . Cell membrane ; Peripheral membrane protein . Translocated to the plasma membrane in a Ras-dependent manner. .
Tissue Specificity	Stomach,
Function	function:Regulatory subunit of the PI3K gamma complex. Acts as an adapter to drive activation of PIK3CG by G beta gamma proteins.,subunit:Heterodimer of a catalytic subunit (PIK3CG) and a regulatory (PIK3R6) subunit. Also interacts with PDE3B and G beta gamma proteins. The binding of PIK3R6 to PIK3CG may exclude the binding of PIK3R5 to PIK3CG.,
Background	Phosphoinositide 3-kinase gamma is a lipid kinase that produces the lipid second messenger phosphatidylinositol 3,4,5-trisphosphate. The kinase is composed of a catalytic subunit and one of several regulatory subunits, and is chiefly activated by G protein-coupled receptors. This gene encodes a regulatory subunit, and is distantly related to the phosphoinositide-3-kinase, regulatory

	subunit 5 gene which is located adjacent to this gene on chromosome 7. The orthologous protein in the mouse binds to both the catalytic subunit and to G(beta/gamma), and mediates activation of the kinase subunit downstream of G protein-coupled receptors. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Feb 2014],
matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

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