

## Anti-VPS34/PIK3C3 Antibody Picoband® APC Conjugated

Catalog Number: A02356-3-APC

### About PIK3C3

Enables 1-phosphatidylinositol-3-kinase activity. Involved in several processes, including early endosome to late endosome transport; macroautophagy; and phosphatidylinositol-3-phosphate biosynthetic process. Acts upstream of or within autophagy and positive regulation of protein lipidation. Located in autolysosome; late endosome; and midbody. Part of phosphatidylinositol 3-kinase complex, class III.

### Overview

Product Name	Anti-VPS34/PIK3C3 Antibody Picoband® APC Conjugated
Reactive Species	Human, Mouse, Rat
Application	Recommended applications are based on the parent unconjugated antibody (Flow Cytometry, WB). Customers may select suitable applications according to their experimental needs.
Clonality	Polyclonal
Formulation	Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na <sub>2</sub> HPO <sub>4</sub> , 0.02% NaN <sub>3</sub> .
Storage Instructions	At -20°C for one year from date of receipt. Avoid repeated freezing and thawing. Protect from light.
Host	Rabbit
Uniprot ID	Q8NEB9

### Technical Details

Immunogen	A synthetic peptide corresponding to a sequence at the C-terminus of human VPS34/PIK3C3. Human VPS34/PIK3C3 shares 100% amino acid (aa) sequence identity with both mouse and rat VPS34/PIK3C3.
Form	Liquid
Concentration	0.5 mg/mL
Purification	Immunogen affinity purified.
Conjugate	APC Excitation Wavelength: 633-647 nm Emission Wavelength: 660 nm
Suggested Dilutions	Optimal dilutions should be determined by end users.

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