

## Anti-PTOV1 Antibody Picoband® Cy3 Conjugated

Catalog Number: RP1087-Cy3

### About PTOV1

Prostate tumor overexpressed gene 1 protein is a protein that in humans is encoded by the PTOV1 gene. It is mapped to 19q13.33. This gene encodes a protein that was found to be overexpressed in prostate adenocarcinomas. The encoded protein was found to interact with the lipid raft protein flotillin-1 and shuttle it from the cytoplasm to the nucleus in a cell cycle dependent manner. Alternative splicing of this gene results in multiple transcript variants.

### Overview

Product Name	Anti-PTOV1 Antibody Picoband® Cy3 Conjugated
Reactive Species	Human, Rat
Application	Flow Cytometry
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	Q86YD1

### Technical Details

Immunogen	A synthetic peptide corresponding to a sequence at the C-terminus of human PTOV1, different from the related mouse and rat sequences by one amino acid.
Cross Reactivity	No cross-reactivity with other proteins
Isotype	Rabbit IgG
Form	Liquid
Concentration	0.5 mg/mL
Purification	Immunogen affinity purified.
Conjugate	Cy3 Excitation Wavelength: 554 nm Emission Wavelength: 568 nm
Suggested Dilutions	Flow Cytometry, Optimal dilutions should be determined by end users.

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Anti-PTOV1 Antibody - Cy3

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