

## Anti-SSH3BP1/ABI1 Antibody Picoband® APC Conjugated

Catalog Number: PB9416-APC

### About ABI1

SSH3BP1 is also known as ABI1. ABI1 is a human homolog of mouse Abl-interactor-1 (Abi1), mapped on 10p11.2. ABI1 participates in the transduction of signals from Ras to Rac by regulating Rac-specific guanine nucleotide exchange factor (GEF) activities. It dramatically promoted ABL1-mediated tyrosine phosphorylation of MENA, but not of other substrates. Abi-1 regulates c-Abl-mediated phosphorylation of Mena by interacting with both proteins. ABI1 plays a role in the leukemogenesis by translocating to MLL.

### Overview

Product Name	Anti-SSH3BP1/ABI1 Antibody Picoband® APC Conjugated
Reactive Species	Human, Mouse, Rat
Application	Recommended applications are based on the parent unconjugated antibody (Flow Cytometry, IF, IHC, ICC, 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% Na <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	Q8IZP0

### Technical Details

Immunogen	A synthetic peptide corresponding to a sequence at the N-terminus of human ABI1, identical to the related mouse and rat sequences.
Cross Reactivity	No cross-reactivity with other proteins
Isotype	Rabbit IgG
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.

## 1 Publications Citing This Product

1. PubMed ID: 19554484, Cui M, Yu W, Dong J, Chen J, Zhang X, Liu Y. Med Oncol. 2010 Sep;27(3):632-9. Doi: 10.1007/S12032-009-9260-6. Epub 2009 Jun 25. Downregulation Of Abi1 Expression Affects The Progression And Prognosis Of Human Gastric Carcinoma.

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