

## Anti-SKP2 Antibody Picoband® FITC Conjugated

Catalog Number: A00544-FITC

### About SKP2

The F box protein Skp2 (S-phase kinase-associated protein 2) is oncogenic, and its frequent amplification and overexpression correlate with the grade of malignancy of certain tumors. Skp2 controls p300-p53 signaling pathways in cancer cells, making it a potential molecular target for cancer therapy. This gene positively regulates the G (1)-S transition by controlling the stability of several G (1) regulators, such as the cell cycle inhibitor p27. This study provides evidence of a role for an F-box protein in oncogenesis and establishes SKP2 as a protooncogene causally involved in the pathogenesis of lymphomas.

### Overview

|                      |  |
|----------------------|--|
| Product Name         | Anti-SKP2 Antibody Picoband® FITC Conjugated   |
| Reactive Species     | Human, Mouse, Rat  |
| Application          | Recommended applications are based on the parent unconjugated antibody (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% 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           | Q13309   |

### Technical Details

|                     |  |
|---------------------|--|
| Immunogen           | A synthetic peptide corresponding to a sequence at the C-terminus of human SKP2, which shares 88.9% and 94.4% amino acid (aa) sequence identity with mouse and rat SKP2, respectively. |
| Cross Reactivity    | No cross-reactivity with other proteins.   |
| Isotype             | Rabbit IgG   |
| Form                | Liquid   |
| Concentration       | 0.5 mg/mL  |
| Purification        | Immunogen affinity purified.   |
| Conjugate           | FITC<br>Excitation Wavelength: 495 nm<br>Emission Wavelength: 525 nm   |
| Suggested Dilutions | Optimal dilutions should be determined by end users.   |

## 4 Publications Citing This Product

1. PubMed ID: 24265759, Chen Xm, Bai Y, Zhong Yj, Xie Xi, Long Hw, Yang Yy, Wu Sg, Jia Q, Wang Xh. Plos One. 2013 Nov 12;8(11):E79201. Doi: 10.1371/Journal.Pone.0079201. Ecollection 2013. Wogonin Has Multiple Anti-Cancer Effects By Regulating C-Myc/Skp2/Fbw7?? And Hdac1/...
2. PubMed ID: 25333250, Chen Xm, Xie Xb, Zhao Q, Wang F, Bai Y, Yin Jq, Jiang H, Xie Xi, Jia Q, Huang G. Mol Med Rep. 2015 Jan;11(1):105-12. Doi: 10.3892/Mmr.2014.2733. Epub 2014 Oct 21. Ampelopsin Induces Apoptosis By Regulating Multiple C-Myc/S-Phase Kinase-Associated ...
3. PubMed ID: 24788380, Xu F, Zhu X, Han T, You X, Liu F, Ye L, Zhang X, Wang X, Yao Y. Int J Oncol. 2014 Jul;45(1):255-63. Doi: 10.3892/Ijo.2014.2411. Epub 2014 Apr 29. The Oncoprotein Hepatitis B X-Interacting Protein Promotes The Migration Of Ovarian Cancer Cells Thro...

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