

Anti-SKP2 Antibody Picoband® Fluoro488 Conjugated

Catalog Number: A00544-Fluoro488

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® Fluoro488 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 ₂ HPO ₄ , 0.02% NaN ₃ .
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	Fluoro488 Excitation Wavelength: 488 nm Emission Wavelength: 515-545 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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