

Anti-Cdc37 Antibody Picoband® FITC Conjugated

Catalog Number: PB9574-FITC

About CDC37

Hsp90 co-chaperone Cdc37, also called P50CDC37, is a protein that in humans is encoded by the CDC37 gene. The protein encoded by this gene is highly similar to Cdc 37, a cell division cycle control protein of *Saccharomyces cerevisiae*. This gene is mapped to 19p13.2. And this protein is a molecular chaperone with specific function in cell signal transduction. It has been shown to form complex with Hsp90 and a variety of protein kinases including CDK4, CDK6, SRC, RAF-1, MOK, as well as eIF2 alpha kinases. It is thought to play a critical role in directing Hsp90 to its target kinases.

Overview

Product Name	Anti-Cdc37 Antibody Picoband® FITC Conjugated
Reactive Species	Human
Application	Recommended applications are based on the parent unconjugated antibody (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	Q16543

Technical Details

Immunogen	E.coli-derived human Cdc37 recombinant protein (Position: M216-V378). Human Cdc37 shares 95.7% and 95.1% amino acid (aa) sequence identity with mouse and rat Cdc37, 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 Excitation Wavelength: 495 nm Emission Wavelength: 525 nm
Suggested Dilutions	Optimal dilutions should be determined by end users.

4 Publications Citing This Product

1. PubMed ID: 29404146, Serum Heat Shock Protein Levels and the Relationship of Heat Shock Proteins with Various Parameters in Chronic Obstructive Pulmonary Disease Patients
2. PubMed ID: 23919426, Zhao Z, Miao Y, Pan P, Cheng B, Bai G, Wu H. Bmc Complement Altern Med. 2013 Aug 6;13:206. Doi: 10.1186/1472-6882-13-206. Qingfei Xiaoyan Wan Alleviates Asthma Through Multi-Target Network Regulation.
3. PubMed ID: 21346199, Jiang Q, Wang Y, Li T, Shi K, Li Z, Ma Y, Li F, Luo H, Yang Y, Xu C. Mol Biol Cell. 2011 Apr 15;22(8):1167-80. Doi: 10.1091/Mbc.E10-10-0860. Epub 2011 Feb 23. Heat Shock Protein 90-Mediated Inactivation Of Nuclear Factor-??b Switches Autophagy To ...

Visit bosterbio.com/anti-cdc37-picoband-trade-antibody-pb9574-boster.html to see all 4 publications.

Submit a product review to Biocompare.com

Submit a review of this product to Biocompare.com to receive a \$20 Amazon.com giftcard! Your reviews help your fellow scientists make the right decisions. Thank you for your contribution.



Anti-Cdc37 Antibody - FITC

For Research Use Only. Not for use in diagnostic procedures.