BOSTER BIOLOGICAL TECHNOLOGY
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Anti-Cdc37 Rabbit Monoclonal Antibody

Catalog Number: M02169

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 Sacchromyces cerevisiae. This gene is mapped to 19p13.2. 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 though to play a critical role in directing Hsp90 to its target kinases.

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Overview

Product Name	Anti-Cdc37 Rabbit Monoclonal Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-Cdc37 Rabbit Monoclonal Antibody catalog # M02169. Tested in WB, IHC, IP, Flow Cytometry applications. This antibody reacts with Human, Mouse, Rat.
Application	Flow Cytometry, IP, IHC, WB
Clonality	Monoclonal ICA-3
Formulation	Rabbit IgG in stabilizing components, phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. *This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required.
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	Q16543

Technical Details

Immunogen	A synthesized peptide derived from human Cdc37

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Isotype	Rabbit IgG
Form	Liquid
Concentration	0.5mg/ml
Purification	Affinity-chromatography
Suggested Dilutions	WB, 1:500-2000 IHC, 1:50-200 IP, 1:20 FC, 1:20

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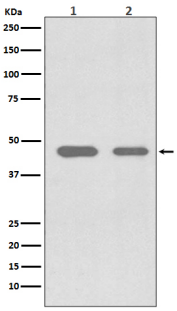
Anti-Cdc37 Rabbit Monoclonal Antibody (M02169) Images



Western blot analysis of Cdc37 expression in (1) Jurkat cell lysate; (2) SW480 cell lysate.

4 Publications Citing This Product

1. 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.

2. 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 ...

3. PubMed ID: 29404146, Serum Heat Shock Protein Levels and the Relationship of Heat Shock Proteins with Various Parameters in Chronic Obstructive Pulmonary Disease Patients

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