BOSTER BIOLOGICAL TECHNOLOGY
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Anti-Chk1 Rabbit Monoclonal Antibody

Catalog Number: M01060-3

About CHEK1

CHEK1, Cell cycle checkpoint kinase, is an enzyme that in humans is encoded by the CHEK1 gene. By fluorescence in situ hybridization, the human CHEK1 gene is mapped to 11q24, near the ATM gene at 11q23. CHEK1 is a kinase that phosphorylates cdc25, an important phosphatase in cell cycle control, particularly for entry into mitosis. Furthermore, CHEK1 acts to integrate signals from ATM and ATR, and is involved in monitoring meiotic recombination, a process that involves programmed DNA breaks.

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Overview

Product Name	Anti-Chk1 Rabbit Monoclonal Antibody
Reactive Species	Human, Mouse, Rat
Description	This Recombinant Rabbit Monoclonal Antibody detects endogenous levels of Chk1 protein. Validated for research with WB,IF,IP,ELISA applications. Anti Chk1 is reactive for Human, Mouse, Rat samples
Application	ELISA, IP, IF, WB
Clonality	Monoclonal
Formulation	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% stabilizing protein 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/1 year
Host	Rabbit
Uniprot ID	O14757

Technical Details

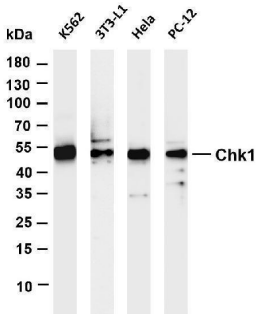
Isotype	IgG, Kappa
Purification	Protein A

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Suggested Dilutions	WB 1:2000-1:10000 IF 1:200-1:1000 ELISA 1:5000-1:20000 IP 1:50-1:200

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Anti-Chk1 Rabbit Monoclonal Antibody (M01060-3) Images



Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-Chk1 antibody. The HRP-conjugated Goat anti-Rabbit IgG(H + L) antibody was used to detect the antibody. Lane 1: K562 Lane 2: 3T3-L1 Lane 3: HeLa Lane 4: PC-12 Predicted band size: 54kDa Observed band size: 54kDa

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