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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Anti-Chk2 Antibody (PThr68)

Rabbit Anti-Human Chk2 (pThr68) Polyclonal
Catalog No. SPC-951



Discovery through partnership | Excellence through quality

Overview

Product Name

Chk2 Antibody (pThr68)

Description

Rabbit Anti-Human Chk2 (pThr68) Polyclonal

Species Reactivity

Human

Applications

WB, AM

Antibody Dilution

WB (1:250); optimal dilutions for assays should be determined by the user.

Host Species

Rabbit

Immunogen Species

Human

Immunogen

A phospho-specific peptide corresponding to residues surrounding Thr68 of human Chk2 (AA65-71)

Conjugates

Alkaline Phosphatase, APC, ATTO 390, ATTO 488, ATTO 565, ATTO 594, ATTO 633, ATTO 655, ATTO 680, ATTO 700, Biotin, FITC, HRP, PE/ATTO 594, PerCP, RPE, Streptavidin, Unconjugated

Properties

Storage Buffer

PBS pH7.4, 50% glycerol, 0.025% Thimerosal

Storage Temperature

-20°C

Shipping Temperature

Blue Ice or 4°C

Purification

Peptide Affinity Purified

Clonality

Polyclonal

Specificity

Detects 60.915 kDa.

Cite This Product

Rabbit Anti-Human Chk2 (pThr68) Polyclonal (StressMarq Biosciences Inc., Victoria BC CANADA, Catalog # SPC-951)

Certificate Of Analysis

A 1:250 dilution of SPC-951 was sufficient for detection of Chk2 (pThr68) in 10 µg of HeLa cell lysate by ECL immunoblot analysis using goat anti-rabbit IgG:HRP as the secondary antibody.

Biological Description

Alternative Names

Cds1 homolog Antibody, Checkpoint kinase 2 Antibody, CHEK 2 Antibody, CHK2 checkpoint homolog Antibody, CHK2_HUMAN Antibody, hCds1 Antibody, LFS 2 Antibody, PP1425 Antibody, RAD 53 Antibody, Serine/threonine protein kinase Chk2 Antibody

Cellular Localization

Nucleus

Accession Number

NP_009125

Gene ID

11200

Swiss Prot

O96017

Scientific Background

Chk2 is a protein kinase involved in cell cycle arrest in response to DNA damage. CHK2 is activated through phosphorylation by ATM and ATR at T68. Activated CHK2 phosphorylates and inhibits CDC25 a dual-specificity phosphatase required for progression through the cell cycle. CHK2 further causes cell cycle earrest through activation of a DNA repair protein BRCA1 and apoptosis factor PML. The role of CHK2 in the development of cancer is in a primarily tumour suppressor role through causing cell cycle arrest. It has been observed that inhibition of CHK2 through mutations in the regulatory FHA domain has been observed in low frequency in osteosarcomas and cancers of the ovary, lung and vulva. Another mutation, "1100delC" has been commonly found in breast cancers.

Product Images

Currently there are no images for this product

Product Citations (0)

Currently there are no citations for this product.

Reviews

There are no reviews yet.