

## **Product Description**

Pioneering GTPase and Oncogene Product Development since 2010

## CHK2 RABBIT MAB

Cat.#: N262032

**Product Name:** Anti-Chk2 Rabbit Monoclonal Antibody

**Synonyms:** CHEK2; CDS1; CHK2; RAD53; Serine/threonine-protein kinase Chk2; CHK2 checkpoint homolog; Cds1 homolog; Hucds1; hCds1; Checkpoint kinase 2

**UNIPROT ID:** 096017

**Background:** These are known to be preferred sites for phosphorylation by ATM/ATR kinases. After DNA damage by ionizing radiation (IR), UV irradiation, or hydroxyurea treatment, Thr68 and other sites in this region become phosphorylated by ATM/ATR. The SQ/TQ cluster domain, therefore, seems to have a regulatory function.

Immunogen: Recombinant protein of human Chk2

Applications: WB,ICC/IF,IP

**Recommended Dilutions:** WB: 1/500-1/1000 IF: 1/50-1/200 IP: 1/20

Host Species: Rabbit

Clonality: Rabbit Monoclonal

**Clone ID:** R06-1B4

MW: Calculated MW: 61 kDa; Observed MW: 61 kDa

Isotype: IgG

Purification: Affinity Purified

Species Reactivity: Human

Conjugation: Unconjugated

Modification: Unmodified

**Constituents:** PBS (without Mg2+ and Ca2+), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

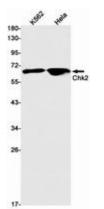
**Research Areas:** Epigenetics and Nuclear Signaling

**Storage & Shipping:** Store at -20°C. Avoid repeated freezing and thawing

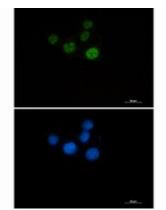


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Western blot analysis of Chk2 in K562, Hela lysates using Chk2 antibody.



Immunocytochemistry analysis of Chk2 (green) in HCT116 using Chk2 antibody,and DAPI(blue).