

Product Description

Pioneering GTPase and Oncogene Product Development since 2010

CHK2 RABBIT MAB

Cat.#: N262033

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: R04-8E5

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

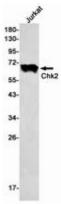
Research Areas: Epigenetics and Nuclear Signaling

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

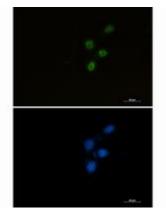


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Western blot analysis of Chk2 in Jurkat lysates using Chk2 antibody.



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