

**Anti-Human/Monkey Phospho-CHEK2 (Ser516) Polyclonal Antibody**

**Polyclonal Antibody**

**Cat.NO.: PA01528**

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3th Edition

**Description:**Regulates cell cycle checkpoints and apoptosis in response to DNA damage, particularly to DNA double-strand breaks. Inhibits CDC25C phosphatase by phosphorylation on 'Ser-216', preventing the entry into mitosis. May also play a role in meiosis. Regulates the TP53 tumor suppressor through phosphorylation at 'Thr-18' and 'Ser-20'.

**Antigen:**Synthesized peptide derived from human Chk2 around the phosphorylation site of Ser516

**Form:**

**How to use:**1.0 ml distilled water will be added to the product

**Stability:** Lyophilized product, 5 years at 2 – 8°C; Solution, 2 years at –20°C

**Dilution:**PBS (pH7.4) containing 1% BSA

**Application:**This antibody can be used for western blotting in concentration of 1?5?g/ml.

**Specificity:**High expression is found in testis, spleen, colon and peripheral blood leukocytes. Low expression is found in other tissues.