

Product Datasheet

Phospho-Chk2 (S33 + S35) Antibody

Catalog No: CY9792

Reactivity: Human

Isotype: Rabbit IgG

Applications: WB



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Information

UniProt ID: O96017

All Names: Cds1; Checkpoint kinase 2; Chk2; hCds1; LFS2; RAD53; Serine/threonine protein kinase Chk2;

Form: Liquid

Storage instructions: Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Storage buffer: pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

Immunogen: A synthesized peptide

Molecular Wt.: 65kDa

Application

WB 1:500~1:2000

Background

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'.

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