

Monoclonal anti-human CINP antibody (clone AT1G10)

Mouse IgG₁, κ

Cat. No. IBATGA0448

Immunogen: Recombinant human CINP (1-212aa) purified from *E. coli*

NCBI Accession No.: NP_116019

Isotype: Mouse IgG₁ heavy chain and κ light chain

Clone: Anti-human CINP mAb, clone AT1G10, is derived from hybridization of mouse F0 myeloma cells with spleen cells from BALB/c mice immunized with a recombinant human CINP protein.

Description: CINP, also known as Cyclin-dependent kinase 2-interacting protein, belongs to the CINP family. This protein interacts with the components of the replication complex and 2 kinases, CDK2 and CDC7, thereby providing a functional and physical link between CDK2 and CDC7 during firing of the origins of replication.

Concentration: 1 mg/ml

Form: Liquid. In Phosphate-Buffered Saline (pH 7.4) with 0.02% Sodium Azide, 10% Glycerol

Storage: Can be stored at +4C. For long term storage, aliquot and store at -20C. Avoid repeated freezing and thawing cycles.

Usage: The antibody has been tested by ELISA, Western blot analysis to assure specificity and reactivity. Since application varies, however, each investigation should be titrated by the reagent to obtain optimal results.

Application: ELISA, WB

For research use only. This product is not intended or approved for human, diagnostics or veterinary use.



Manufactured for:

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Product information

Western blot analysis

The cell lysates (40ug) were resolved by SDS-PAGE, transferred to PVDF membrane and probed with anti-human CINP antibody (1:1000). Proteins were visualized using a goat anti-mouse secondary antibody conjugated to HRP and an ECL detection system.

Lane 1.: Jurkat cell lysate

Lane 2.: K562 cell lysate

Lane 3.: 293T cell lysate

Lane 4.: HepG2 cell lysate

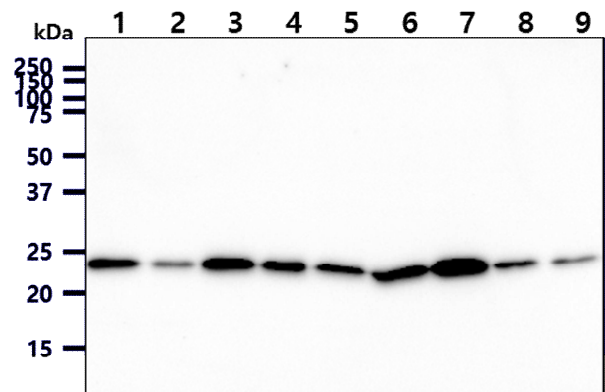
Lane 5.: A549 cell lysate

Lane 6.: MCF7 cell lysate

Lane 7.: LnCap cell lysate

Lane 8.: HeLa cell lysate

Lane 9.: SK-OV-3 cell lysate



General references: Grishina I., *et al.* (2005) *Cell Cycle*. **4**: 1120-1126.

Lovejoy C.A., *et al.* (2009) *Proc. Natl. Acad. Sci. U.S.A.* **106**: 19304-19309.

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