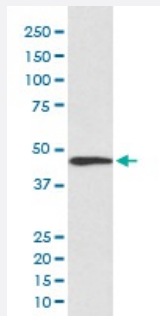


CCNB2 monoclonal antibody, clone GIG-3

Catalog # MAB19933 Size 100 uL

Applications



Western Blot (Cell lysate)

Western blot analysis of HeLa cell lysate with CCNB2 monoclonal antibody.

Specification

Product Description Rabbit monoclonal antibody raised against synthetic peptide of human CCNB2.

Immunogen A synthetic peptide corresponding to human CCNB2.

Host Rabbit

Reactivity Human

Form Liquid

Purification Affinity purification

Isotype IgG

Recommend Usage

- Immunocytochemistry (1:50-1:200)
- Immunofluorescence (1:50-1:200)
- Immunohistochemistry (1:50-1:200)
- Immunoprecipitation (1:50)
- The optimal working dilution should be determined by the end user.

Storage Buffer In PBS, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Storage Instruction

Store at -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for a longer time. Avoid repeated freezing and thawing.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western blot analysis of HeLa cell lysate with CCNB2 monoclonal antibody.

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

- Immunocytochemistry

- Immunofluorescence

- Immunoprecipitation

Gene Info — CCNB2

Entrez GeneID[9133](#)**Protein Accession#**[O95067](#)**Gene Name**

CCNB2

Gene Alias

HsT17299

Gene Description

cyclin B2

Omim ID[602755](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

Cyclin B2 is a member of the cyclin family, specifically the B-type cyclins. The B-type cyclins, B1 and B2, associate with p34cdc2 and are essential components of the cell cycle regulatory machinery. B1 and B2 differ in their subcellular localization. Cyclin B1 co-localizes with microtubules, whereas cyclin B2 is primarily associated with the Golgi region. Cyclin B2 also binds to transforming growth factor beta RII and thus cyclin B2/cdc2 may play a key role in transforming growth factor beta-mediated cell cycle control. [provided by RefSeq]

Other Designations

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Pathway

- [Cell cycle](#)
- [p53 signaling pathway](#)

Disease

- [Genetic Predisposition to Disease](#)
- [Ovarian Neoplasms](#)