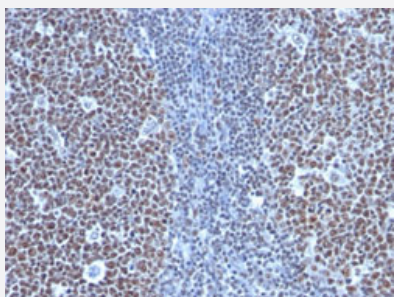


# CCNB1 monoclonal antibody, clone SPM619

Catalog # MAB13179      Size 100 ug

## Applications



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

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human tonsil with CCNB1 monoclonal antibody, clone SPM619 (Cat # MAB13179).

## Specification

<b>Product Description</b>	Mouse monoclonal antibody raised against full length recombinant human CCNB1.
<b>Immunogen</b>	Recombinant protein corresponding to full length human CCNB1.
<b>Host</b>	Mouse
<b>Theoretical MW (kDa)</b>	55-62
<b>Reactivity</b>	Human
<b>Form</b>	Liquid
<b>Purification</b>	Protein A/G purification
<b>Isotype</b>	IgG1, kappa
<b>Recommend Usage</b>	Flow Cytometry (0.5-1 ug/10 <sup>6</sup> cells in 0.1 mL) Immunofluorescence (1-2 ug/mL) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (0.5-1 ug/mL) The optimal working dilution should be determined by the end user.
<b>Storage Buffer</b>	In 10 mM PBS (0.05% BSA, 0.05% sodium azide).

**Storage Instruction**

Store at 4°C.

**Note**

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

## Applications

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

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human tonsil with CCNB1 monoclonal antibody, clone SPM619 (Cat # MAB13179).

- Immunofluorescence

- Flow Cytometry

## Gene Info — CCNB1

**Entrez GeneID**[891](#)**Protein Accession#**[P14635](#)**Gene Name**

CCNB1

**Gene Alias**

CCNB

**Gene Description**

cyclin B1

**Omim ID**[123836](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

The protein encoded by this gene is a regulatory protein involved in mitosis. The gene product complexes with p34(cdc2) to form the maturation-promoting factor (MPF). Two alternative transcripts have been found, a constitutively expressed transcript and a cell cycle-regulated transcript, that is expressed predominantly during G2/M phase. The different transcripts result from the use of alternate transcription initiation sites. [provided by RefSeq]

**Other Designations**

G2/mitotic-specific cyclin B1

## Pathway

- [Cell cycle](#)

- [p53 signaling pathway](#)

## Disease

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