

## CDC5L Rabbit mAb

**Catalog NO.: A9527**

## Recombinant

## 1 Publications

## Basic Information

**Observed MW**

100kDa

**Calculated MW**

92kDa

## Category

## Monoclonal Antibodies

## Applications

WB, IHC-P, ELISA

### Cross-Reactivity

Human, Mouse

## Conjugation

Unconjugated

### Clone number

ARC1618

## Background

The protein encoded by this gene shares a significant similarity with *Schizosaccharomyces pombe* cdc5 gene product, which is a cell cycle regulator important for G2/M transition. This protein has been demonstrated to act as a positive regulator of cell cycle G2/M progression. It was also found to be an essential component of a non-snRNA spliceosome, which contains at least five additional protein factors and is required for the second catalytic step of pre-mRNA splicing.

## Recommended Dilutions

|                                                                              |                |
|------------------------------------------------------------------------------|----------------|
| <b>WB</b>                                                                    | 1:500 - 1:2000 |
| <b>IHC-P</b>                                                                 | 1:50 - 1:200   |
| <b>ELISA</b>                                                                 |                |
| Recommended starting concentration is 1 µg/mL.                               |                |
| Please optimize the concentration based on your specific assay requirements. |                |

## Immunogen Information

**Gene ID** 988 **Swiss Prot** Q99459

**Immunogen**

Synthetic peptide. This information is considered to be commercially sensitive.

**Synonyms**

CDC5; CEF1; PCDC5RP; CDC5-LIKE; dJ319D22.1; CDC5L

## Contact

## Product Information

|                                     |  |                      |
|-------------------------------------|--|----------------------|
| <input checked="" type="checkbox"/> |  | order@abclonal.com   |
| <input checked="" type="checkbox"/> |  | service@abclonal.com |
| <input checked="" type="checkbox"/> |  | www.abclonal.com     |

**Source**

Rabbit

**Isotype**

IgG

**Purification**

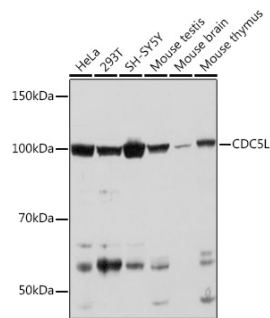
Affinity purification

**Storage**

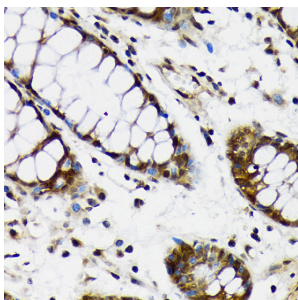
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

**Validation Data**



Western blot analysis of various lysates using CDC5L Rabbit mAb (A9527) at 1:1000 dilution.  
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 30s.



Immunohistochemistry analysis of paraffin-embedded Human colon using CDC5L Rabbit mAb (A9527) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M Tris/EDTA Buffer (pH 9.0) prior to IHC staining.

