

## Rabbit anti-Human CDC5L Polyclonal Antibody | anti-CDC5L antibody

CDC5L Antibody (Center)

| CATALOG # | HOST   | REACTIVITY | APPLICATIONS                                          |
|-----------|--------|------------|-------------------------------------------------------|
| AAA287530 | Rabbit | Human      | Flow Cytometry, Functional Assay, ELISA, Western Blot |

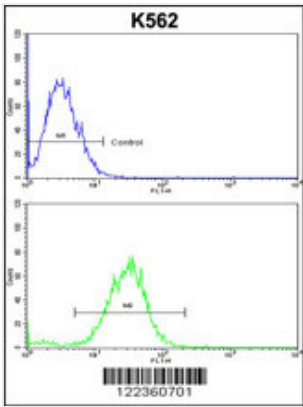
### PRODUCT SYNONYMS

CDC5L; Polyclonal Antibody; CDC5L Antibody (Center); Cell division cycle 5-like protein; Cdc5-like protein; Pombe cdc5-related protein; KIAA0432; PCDC5RP; anti-CDC5L antibody

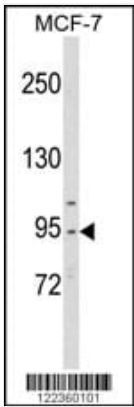
### PRODUCT SPECIFICATIONS

|                                                 |                                                                                                                                                                              |
|-------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                                                                                                       |
| Reactivity                                      | Human                                                                                                                                                                        |
| Clonality                                       | Polyclonal                                                                                                                                                                   |
| Isotype                                         | Rabbit Ig                                                                                                                                                                    |
| Specificity                                     | This CDC5L antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 187-213 amino acids from the Central region of human CDC5L.          |
| Purity/Purification                             | Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)                                                                                                                   |
| Form/Format                                     | Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification. |
| Concentration                                   | Vial Concentration: 0.5 (varies by lot)                                                                                                                                      |
| Sequence Positions                              | 187-213                                                                                                                                                                      |
| Sequence Length                                 | 802                                                                                                                                                                          |
| Applicable Applications for anti-CDC5L antibody | FCM/FACS (Flow Cytometry), ELISA, WB (Western Blot)                                                                                                                          |
| Antigen Type                                    | Synthetic Peptide                                                                                                                                                            |
| Antigen Source                                  | HUMAN                                                                                                                                                                        |
| Preparation and Storage                         | Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.                       |

IMAGES



**FCM/FACS (Flow Cytometry)**  
CDC5L Antibody (Center) flow cytometric analysis of k562 cells (bottom histogram) compared to a negative control cell (top histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



**WB (Western Blot)**  
Western blot analysis of CDC5L Antibody (Center) in MCF-7 cell line lysates (35ug/lane). CDC5L (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

|                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|-----------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-CDC5L antibody | The protein is 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. |
| References                                          | Grillari,J., et.al., J. Biol. Chem. 284 (42), 29193-29204 (2009) Zhang,N., et.al., EMBO Rep. 10 (9), 1029-1035 (2009)                                                                                                                                                                                                                                                                                                                                             |

NCBI AND UNIPROT INFORMATION

|                                  |                                            |
|----------------------------------|--------------------------------------------|
| NCBI GI #                        | 11067747                                   |
| NCBI GeneID                      | 988                                        |
| NCBI Accession #                 | NP_001244.1                                |
| NCBI GenBank Nucleotide #        | NM_001253.3                                |
| UniProt Accession #              | Q99459; Q76N46; Q99974                     |
| Molecular Weight                 | 92251                                      |
| NCBI Official Full Name          | cell division cycle 5-like protein         |
| NCBI Official Synonym Full Names | cell division cycle 5-like                 |
| NCBI Official Symbol             | CDC5L                                      |
| NCBI Official Synonym Symbols    | CDC5; CEF1; PCDC5RP; CDC5-LIKE; dJ319D22.1 |
| NCBI Protein Information         | cell division cycle 5-like protein         |
| UniProt Protein Name             | Cell division cycle 5-like protein         |
| UniProt Gene Name                | CDC5L                                      |
| UniProt Synonym Gene Names       | KIAA0432; PCDC5RP; Cdc5-like protein       |
| UniProt Entry Name               | CDC5L_HUMAN                                |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

