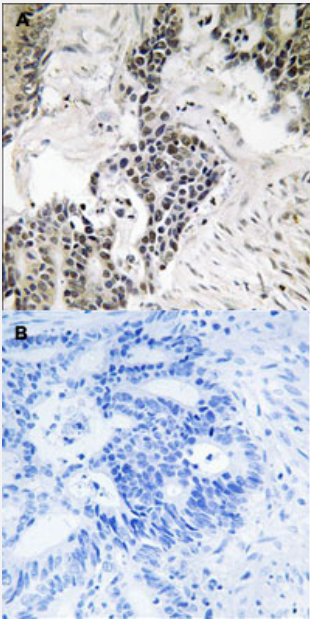


# CDC25C (phospho S198) polyclonal antibody

Catalog # PAB29237      Size 100 uL

## Applications



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

Immunohistochemical staining of human colon carcinoma tissue by CDC25C (phospho S198) polyclonal antibody (Cat # PAB29237) without blocking peptide (A) or preincubated with blocking peptide (B) under 1:50-1:100 dilution.

## Specification

<b>Product Description</b>	Rabbit polyclonal antibody raised against synthetic phosphopeptide of human CDC25C.
<b>Immunogen</b>	Synthetic phosphopeptide (conjugated with KLH) corresponding to residues surrounding S198 of human CDC25C.
<b>Host</b>	Rabbit
<b>Theoretical MW (kDa)</b>	53
<b>Reactivity</b>	Human
<b>Specificity</b>	This antibody detects endogenous levels of CDC25C only when phosphorylated at serine 198.
<b>Form</b>	Liquid

Purification	Affinity purification
Recommend Usage	Immunohistochemistry (1:50-1:100) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.4 (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), (50% glycerol, 0.02% sodium azide)
Storage Instruction	Store at -20°C. Avoid repeated freezing and thawing.

## Applications

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

Immunohistochemical staining of human colon carcinoma tissue by CDC25C (phospho S198) polyclonal antibody (Cat # PAB29237) without blocking peptide (A) or preincubated with blocking peptide (B) under 1:50-1:100 dilution.

## Gene Info — CDC25C

Entrez GeneID	<a href="#">995</a>
Protein Accession#	<a href="#">P30307</a>
Gene Name	CDC25C
Gene Alias	CDC25
Gene Description	cell division cycle 25 homolog C (S. pombe)
Omim ID	<a href="#">157680</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	This gene is highly conserved during evolution and it plays a key role in the regulation of cell division. The encoded protein is a tyrosine phosphatase and belongs to the Cdc25 phosphatase family. It directs dephosphorylation of cyclin B-bound CDC2 and triggers entry into mitosis. It is also thought to suppress p53-induced growth arrest. Multiple alternatively spliced transcript variants of this gene have been described, however, the full-length nature of many of them is not known. [provided by RefSeq]
Other Designations	cell division cycle 25C cell division cycle 25C protein dual specificity phosphatase CDC25C m-phase inducer phosphatase 3 mitosis inducer CDC25 phosphotyrosine phosphatase

## Pathway

- [Cell cycle](#)

## Disease

- [Adenocarcinoma](#)
- [Esophageal Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Lung Neoplasms](#)
- [Pulmonary Disease](#)
- [Urinary Bladder Neoplasms](#)
- [Werner syndrome](#)