

CDC25C Antibody (clone 1F12)
Mouse Monoclonal Antibody
Catalog # ALS13197**Specification**

CDC25C Antibody (clone 1F12) - Product Information

Application	IHC
Primary Accession	P30307
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Calculated MW	53kDa KDa

CDC25C Antibody (clone 1F12) - Additional Information**Gene ID** 995**Other Names**

M-phase inducer phosphatase 3, 3.1.3.48, Dual specificity phosphatase Cdc25C, CDC25C

Target/Specificity

Human CDC25C

Reconstitution & Storage

Long term: -20°C; Short term: +4°C. Avoid repeat freeze-thaw cycles.

Precautions

CDC25C Antibody (clone 1F12) is for research use only and not for use in diagnostic or therapeutic procedures.

CDC25C Antibody (clone 1F12) - Protein Information**Name** CDC25C**Function**

Functions as a dosage-dependent inducer in mitotic control. Tyrosine protein phosphatase required for progression of the cell cycle (PubMed:[8119945](http://www.uniprot.org/citations/8119945)). When phosphorylated, highly effective in activating G2 cells into prophase (PubMed:[8119945](http://www.uniprot.org/citations/8119945)). Directly dephosphorylates CDK1 and activates its kinase activity (PubMed:[8119945](http://www.uniprot.org/citations/8119945)).

Cellular Location

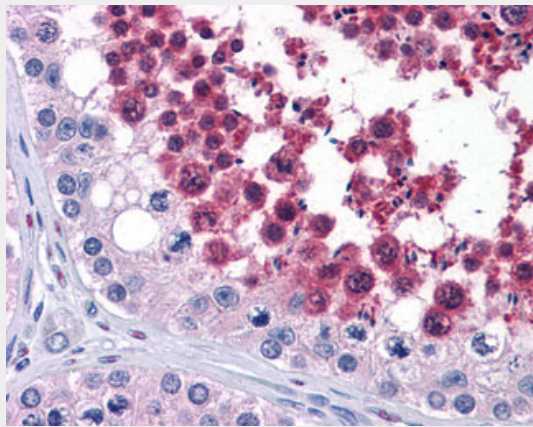
Nucleus

CDC25C Antibody (clone 1F12) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

CDC25C Antibody (clone 1F12) - Images



Anti-CDC25C antibody IHC of human testis.

CDC25C Antibody (clone 1F12) - Background

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CDC25C Antibody (clone 1F12) - References

Sadhu K., et al. Proc. Natl. Acad. Sci. U.S.A. 87:5139-5143(1990).
Bureik M., et al. Int. J. Oncol. 17:1251-1258(2000).
Mural R.J., et al. Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.
Wegener S., et al. Eur. J. Cell Biol. 79:810-815(2000).
Hernandez S., et al. Lab. Invest. 81:465-473(2001).