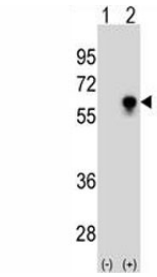
CDC25C Antibody [clone 233CT9.6.6] (F40267)

Catalog No.	Formulation	Size
F40267-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F40267-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG1, k
Clone Name	233CT9.6.6
Purity	Purified
UniProt	P30307
Applications	Western blot: 1:100
Limitations	This CDC25C antibody is available for research use only.



Western blot analysis of CDC25C antibody and 293 cell lysate (2 ug/lane) either nontransfected (Lane 1) or transiently transfected (2) with the CDC25C gene. Expected molecular weight: ~53/60 kDa (unmodified/phosphorylated).

Description

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].

Application Notes

Titration of the CDC25C antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

This CDC25C antibody was produced from a mouse immunized with CDC25C recombinant protein.

Storage

Aliquot the CDC25C antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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