

Mouse anti-Cdk4, clone DCS-31 (Monoclonal)

Clone no. DCS-31

MONOSAN

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Product name	Mouse anti-Cdk4, clone DCS-31 (Monoclonal)
Host	Mouse
Applications	ICC/IF, WB, FC, IP
Species reactivity	Human, Mouse, Rat
Conjugate	-
Immunogen	Purified recombinant cdk4 protein
Isotype	IgG1
Clonality	Monoclonal
Clone number	DCS-31
Size	0.5 ml
Concentration	0.2 mg/ml
Format	-
Storage buffer	PBS with 0.2% BSA and 0.09% sodium azide
Storage until expiry date	2-8°C

FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES

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**Additional info**

Antibody reacts with epitope at aa 16-35. DK4 is a member of the Ser/Thr protein kinase family. This protein is highly similar to the gene products of *S. cerevisiae* cdc28 and *S. pombe* cdc2. It is a catalytic subunit of the protein kinase complex that is important for cell cycle G1 phase progression. The activity of this kinase is restricted to the G1-S phase, which is controlled by the regulatory subunits D-type cyclins and CDK inhibitor p16(INK4a).

**References**

1. Li XR et al. Exp and Ther Medicine 2017
2. Kennedy AL et al. Oncotarget 2015
3. Clay MR et al. Am J of Surg Pathol 2016
4. Weingertner N et al. AIMM 2015
5. Sugita S et al. Diagn Pathol 2016

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