

Datasheet: MCA1994

Description:	MOUSE ANTI CDK4
Specificity:	Cdk4
Format:	Purified
Product Type:	Monoclonal Antibody
Clone:	DCS-31.2
Isotype:	IgG1
Quantity:	0.1 mg

Product Details

RRID AB_2260415

Applications This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit www.bio-rad-antibodies.com/protocols.

	Yes	No	Not Determined	Suggested Dilution
Flow Cytometry			▪	
Immunohistology - Frozen	▪			
Immunohistology - Paraffin			▪	
ELISA			▪	
Immunoprecipitation	▪			
Western Blotting	▪			

Where this antibody has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. It is recommended that the user titrates the antibody for use in their own system using appropriate negative/positive controls.

Species Cross Reactivity Reacts with: Mouse, Human, Rat
N.B. Antibody reactivity and working conditions may vary between species.

Product Form Purified IgG - liquid

Buffer Solution Phosphate buffered saline

Preservative Stabilisers 0.08% Sodium Azide

Approx. Protein Concentrations IgG concentration 0.5 mg/ml

External Database Links

UniProt:
[P11802](#) [Related reagents](#)

Entrez Gene:
[1019](#) CDK4 [Related reagents](#)

Specificity	<p>Mouse anti CDK4 antibody clone DCS31.2 recognizes cyclin dependent kinase 4 (Cdk4), a ~34 kDa protein involved in the regulation of cell cycle progression between G1 and S.</p> <p>Mouse anti CDK4 antibody clone DCS31.2 does not cross react with other cdk's and does not co-precipitate the D type cyclins bound to cdk4.</p>
References	<p>1. Elledge, S.J. (1996) Cell cycle checkpoints: preventing an identity crisis. Science. 274 (5293): 1664-72.</p>
Storage	<p>Store at +4°C or at -20°C if preferred.</p> <p>This product should be stored undiluted.</p> <p>Storage in frost free freezers is not recommended. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.</p>
Shelf Life	<p>18 months from date of despatch.</p>
Health And Safety Information	<p>Material Safety Datasheet documentation #10040 available at: 10040: https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf</p>
Regulatory	<p>For research purposes only</p>

Related Products

Recommended Secondary Antibodies

Goat Anti Mouse IgG IgA IgM (STAR87...)	Alk. Phos. , HRP
Goat Anti Mouse IgG (STAR77...)	HRP
Rabbit Anti Mouse IgG (STAR12...)	RPE
Rabbit Anti Mouse IgG (STAR8...)	DyLight®800
Rabbit Anti Mouse IgG (STAR13...)	HRP
Goat Anti Mouse IgG (STAR76...)	RPE
Goat Anti Mouse IgG (STAR70...)	FITC
Goat Anti Mouse IgG (Fc) (STAR120...)	FITC , HRP
Rabbit Anti Mouse IgG (STAR9...)	FITC
Goat Anti Mouse IgG (H/L) (STAR117...)	Alk. Phos. , DyLight®488 , DyLight®549 , DyLight®649 , DyLight®680 , DyLight®800 , FITC , HRP

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