

Datasheet: MCA1991

Description:	MOUSE ANTI HUMAN p19
Specificity:	p19
Format:	Purified
Product Type:	Monoclonal Antibody
Clone:	DCS100.1
Isotype:	IgG1
Quantity:	0.1 mg

Product Details

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 (1)	▪			
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.

(1)**Special conditions apply. - See [*].**

Target Species	Human
Product Form	Purified IgG - liquid
Preparation	Purified IgG prepared by affinity chromatography on Protein G and A from tissue culture supernatant
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	0.08% Sodium Azide
Approx. Protein Concentrations	IgG concentration 1.0mg/ml
Immunogen	Full length recombinant p19-His tagged.
External Database Links	UniProt: P55273 Related reagents

Entrez Gene:[1032](#) CDKN2D [Related reagents](#)

Specificity **Mouse anti Human p19 antibody, clone DCS100.1** recognizes human p19-INK4d, also known as Cyclin-dependent kinase 4 inhibitor D. p19-INK4d is a 166 amino acids ~19 kDa tumor suppressor protein, a specific inhibitor of cdk4/cdk6. p19ink4d is periodically expressed during the cell cycle. Maximum induction of p19ink4d occurs as cells enter S phase.

Mouse anti Human p19 antibody, clone DCS100.1 co-precipitates cdk4/cdk6 in immunoprecipitation studies.

Histology Positive Control Tissue Spleen

References 1. Hirai, H. *et al.* (1995) Novel INK4 proteins, p19 and p18, are specific inhibitors of the cyclin D-dependent kinases CDK4 and CDK6. [Mol Cell Biol. 15 \(5\): 2672-81.](#)

Storage Store at +4°C or at -20°C if preferred.

This product should be stored undiluted.

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.

Shelf Life 18 months from date of despatch.

Health And Safety Information Material Safety Datasheet Documentation #10040 available at: <https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf>

Regulatory For research purposes only

Related Products

Recommended Secondary Antibodies

Goat Anti Mouse IgG (STAR77...)	HRP
Rabbit Anti Mouse IgG (STAR13...)	HRP
Goat Anti Mouse IgG (STAR70...)	FITC
HuCAL Anti Mouse IgG1 (HCA036...)	HRP
Goat Anti Mouse IgG (Fc) (STAR120...)	FITC , HRP
Rabbit Anti Mouse IgG (STAR8...)	DyLight®800
Goat Anti Mouse IgG (STAR76...)	RPE
Rabbit Anti Mouse IgG (STAR12...)	RPE
Goat Anti Mouse IgG IgA IgM (STAR87...)	Alk. Phos. , HRP
Goat Anti Mouse IgG (H/L) (STAR117...)	Alk. Phos. , DyLight®488 , DyLight®549 , DyLight®649 , DyLight®680 , DyLight®800 , FITC , HRP
Rabbit Anti Mouse IgG (STAR9...)	FITC

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