

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	<p>UniProt: P55273 Related reagents</p> <p>Entrez Gene: 1032 CDKN2D Related reagents</p>
RRID	AB_2078743
Specificity	<p>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.</p> <p>Mouse anti Human p19 antibody, clone DCS100.1 co-precipitates cdk4/cdk6 in immunoprecipitation studies.</p>
Histology Positive Control Tissue	Spleen
References	1. Hirai, H. <i>et al.</i> (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	<p>This product is shipped at ambient temperature. It is recommended to aliquot and store at -20°C on receipt. When thawed, aliquot the sample as needed. Keep aliquots at 2-8°C for short term use (up to 4 weeks) and store the remaining aliquots at -20°C.</p> <p>Avoid repeated freezing and thawing as this may denature the antibody. Storage in frost-free freezers is not recommended.</p>
Guarantee	12 months from date of despatch
Health And Safety Information	Material Safety Datasheet documentation #10040 available at: 10040: 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 (STAR12...)	RPE
Rabbit Anti Mouse IgG (STAR8...)	DyLight@800
Goat Anti Mouse IgG (STAR76...)	RPE
Goat Anti Mouse IgG (Fc) (STAR120...)	FITC , HRP

Goat Anti Mouse IgG IgA IgM (STAR87...) [Alk. Phos.](#), [HRP](#)
Rabbit Anti Mouse IgG (STAR13...) [HRP](#)
Goat Anti Mouse IgG (STAR70...) [FITC](#)
Rabbit Anti Mouse IgG (STAR9...) [FITC](#)
Goat Anti Mouse IgG (H/L) (STAR117...) [Alk. Phos.](#), [DyLight®488](#), [DyLight®550](#),
[DyLight®650](#), [DyLight®680](#), [DyLight®800](#),
[FITC](#), [HRP](#)

Recommended Negative Controls

[MOUSE IgG1 NEGATIVE CONTROL \(MCA928\)](#)

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To find a batch/lot specific datasheet for this product, please use our online search tool at: bio-rad-antibodies.com/datasheets

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