Datasheet: MCA1991

BATCH NUMBER 159742

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	IgG concentration 1.0mg/ml

Concentrations	
Immunogen	Full length recombinant p19-His tagged.
External Database Links	**UniProt:** P55273 Related reagents **Entrez Gene:** 1032 CDKN2D Related reagents
RRID	AB_2078743
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 acis ~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.
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	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. Avoid repeated freezing and thawing as this may denature the antibody. Storage in frost-free freezers is not recommended.
Guarantee	12 months from date of despatch
Health And Safety Information	Material Safety Datasheet documentation #10040 available at: https://www.bio-rad-antibodies.com/SDS/MCA1991 10040
Regulatory	For research purposes only

Related Products

Recommended Secondary Antibodies

Rabbit Anti Mouse IgG (STAR12...)	RPE
Goat Anti Mouse IgG IgA IgM (STAR87...)	HRP
Goat Anti Mouse IgG (STAR76...)	RPE

Rabbit Anti Mouse IgG (STAR13...)	HRP
Goat Anti Mouse IgG (STAR70...)	FITC
Goat Anti Mouse IgG (H/L) (STAR117...)	Alk. Phos., DyLight®488, DyLight®550, DyLight®650, DyLight®680, DyLight®800, FITC, HRP
Rabbit Anti Mouse IgG (STAR9...)	FITC
Goat Anti Mouse IgG (STAR77...)	HRP
Goat Anti Mouse IgG (Fc) (STAR120...)	FITC, HRP

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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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