

CDKN2B Monoclonal Antibody (DCS-114)

Catalog Number MA1-91096

Product data sheet

Details		Tested Applications	Dilution *
Size	500 µL	Immunoprecipitation (IP)	1:400
Host/Isotope	Mouse / IgG1	Immunocytochemistry (ICC/IF)	Assay-dependent
Class	Monoclonal	* Suggested working dilutions are given as a guide only. It is recommended that the user titrate the product for use in their own experiment using appropriate negative and positive controls.	
Type	Antibody		
Clone	DCS-114		
Immunogen	Puified human recombinant full length p15INK4b protein		
Conjugate	Unconjugated		
Form	Liquid		
Concentration	0.2 mg/mL		
Storage Conditions	4° C, do not freeze		

Product specific information

MA1-91096 detects INK4b from human samples. MA1-91096 has been successfully used in immunofluorescence, immunoprecipitation applications. The MA1-91096 immunogen is: Puified human recombinant full length p15INK4b protein

Background/Target Information

The four known 15-to 19 kDa INK4 proteins (p15INK4b, p16INK4a, p18INK4c andp19INK4d) bind and inhibit CDK4 and CDK6 but not other CDKs, including cyclin E-Cdk2, cyclin A-Cdk2 and cyclin B-Cdk1. Like the three D-type cyclins, the INK4 genes are expressed in distinct tissue-specific patterns, suggesting that they are not strictly redundant. 5 p18INK4c is expressed during G1 to S transition in the eukaryotic cell division cycle. It is maximally induced as cells enter S-phase.

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