

**AM05227PU-N****Monoclonal Antibody to CDKN2D / p19INK4d - Purified**

<b>Alternate names:</b>	Cyclin-dependent kinase 4 inhibitor D, INK4D, p19, p19-INK4d
<b>Quantity:</b>	0.1 mg
<b>Concentration:</b>	Lot specific
<b>Background:</b>	The p19ink4d tumor suppressor protein shows no cross reactivity with the closely related inhibitors including p16 ink4a and p15ink4b. p19nk4d is a specific inhibitor of cdk4/cdk6 and is periodically expressed during cell cycle. It is maximally induced as cells enter S phase.
<b>Uniprot ID:</b>	<a href="#">P55273</a>
<b>NCBI:</b>	<a href="#">NP_001791.1</a>
<b>GeneID:</b>	<a href="#">1032</a>
<b>Host / Isotype:</b>	Mouse / IgG1
<b>Recommended Isotype Controls:</b>	SM10P (for use in human samples), AM03095PU-N
<b>Clone:</b>	DCS-100
<b>Immunogen:</b>	his-tagged recombinant full length p19 protein recognizing a 19kD protein.
<b>Format:</b>	<b>State:</b> Liquid (sterile filtered) purified IgG fraction. <b>Buffer System:</b> PBS with 0.08% Sodium Azide as preservative.
<b>Applications:</b>	Western Blot. Immunoprecipitation: co-precipitates cdk4/cdk6. Immunohistochemistry. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
<b>Specificity:</b>	<b>Species:</b> Human. Other species not tested.
<b>Storage:</b>	Store the antibody (in aliquots) at -20°C. Avoid repeated freezing and thawing. Shelf life: One year from despatch.
<b>General Readings:</b>	1. H. Hirai, et. al. (1995) Mol. Cell. Biol. (15) 2672-2681.