

## Basic Information

Product Name	Anti-p19 INK4d/CDKN2D Antibody (Clone#DCS-100)	
Gene Name	CDKN2D	
Source	Mouse	
Clonality	Monoclonal	
Isotype	IgG1	
Species Reactivity	human	
Tested Application	WB, IHC, ICC/IF	
Contents	500 ug/ml antibody with PBS, 0.02% NaN <sub>3</sub> , 1 mg/ml BSA and 50% glycerol.	
Immunogen	Recombinant human p19INK4d.	
Concentration	500 ug/ml	
Purification	Ascites	
Observed MW	18 kDa	
Dilution Ratios	Western blot (WB): 1:500-2000 Immunohistochemistry (IHC): 1:50-400 Immunocytochemistry/Immunofluorescence (ICC/IF): 1:50-400 (Boiling the paraffin sections in 10mM citrate buffer, pH6.0, or PH8.0 EDTA repair liquid for 20 mins is required for the staining of formalin/paraffin sections.) Optimal working dilutions must be determined by end user.	

## Storage

12 months from date of receipt, -20°C as supplied.

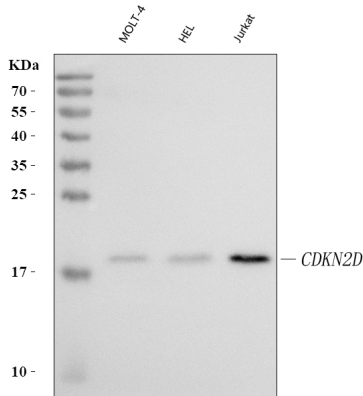
## Background Information

Cyclins are important in regulating the cell cycle through their formation of enzymatic complexes with various cyclin-dependent kinases. P19(INK4d) also known as cyclin-dependent kinase inhibitor 2D, is one of the novel members of the mouse INK4 gene family. Okuda et al.(1995) described the cloning of the human INK4d gene(CDKN2D). The predicted 166-amino acid protein is 86% identical to the mouse protein and about 45% identical to other human INK4 family members.

## Reference

Anti-p19 INK4d/CDKN2D Antibody (Clone#DCS-100)被引用在2文献中。

## Selected Validation Data



Western blot analysis of anti- CDKN2D antibody (MA1075). The sample well of each lane was loaded with 50ug of sample under reducing conditions.

Lane 1: MOLT-4 whole cell lysates,

Lane 2: HEL whole cell lysates,

Lane 3: Jurkat whole cell lysates.

Use mouse anti- CDKN2D 1:1000, probed with a goat anti-mouse IgG-HRP secondary antibody. The signal is developed using an Enhanced Chemiluminescent detection (ECL) kit (Catalog # EK1001). A specific band was detected for CDKN2D at approximately 18KDa. The expected band size for CDKN2D is at 18KDa.