

Product datasheet for **AM20657PU-N**

p19 INK4d (CDKN2D) Mouse Monoclonal Antibody [Clone ID: IMD-19]

Product data:

Product Type:	Primary Antibodies
Clone Name:	IMD-19
Applications:	IF, IHC, IP, WB
Recommended Dilution:	Western Blot: 0.5-1 µg/ml. Immunocytochemistry. Immunohistochemistry on Paraffin Sections: 1-2 µg/ml.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Recombinant Human p19INK4d.
Specificity:	This antibody recognizes Human p19INK4d and shows no cross reactivity with other proteins.
Formulation:	1.2% Sodium Acetate State: Purified State: Lyophilized purified Ig fraction Stabilizer: 2 mg BSA Preservative: 0.01 mg Sodium Azide
Reconstitution Method:	Restore with 1.2% Sodium Acetate or neutral PBS
Concentration:	0.1 mg/ml (after reconstitution with PBS)
Purification:	Affinity Chromatography
Conjugation:	Unconjugated
Storage:	Store lyophilized at 2-8°C for 6 months or at -20°C long term. After reconstitution store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C long term. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	cyclin-dependent kinase inhibitor 2D



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Database Link: [Entrez Gene 1032 Human P55273](#)

Background: 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.

Synonyms: p19-INK4d, p19, INK4D

Protein Families: Druggable Genome

Protein Pathways: Cell cycle