

Product datasheet for **AM20618PU-N**

Cyclin D3 (CCND3) Mouse Monoclonal Antibody [Clone ID: CY-D3]

Product data:

Product Type:	Primary Antibodies
Clone Name:	CY-D3
Applications:	IF, WB
Recommended Dilution:	Western Blot: 0.25 - 0.5 µg/ml. Immunohistochemistry on frozen and paraffin sections: 0.5 - 1 µg/ml. Immunocytochemistry.
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Recombinant human cyclin D3 protein
Specificity:	This antibody reacts to Cyclin D3.
Formulation:	1.2 % sodium acetate, with 2 mg BSA and 0.2 mg sodium azide as preservative. State: Purified State: Lyophilized purified Ig fraction
Reconstitution Method:	Restore with 1.2 % sodium acetate or PBS
Concentration:	0,1 mg/ml (after reconstitution with PBS)
Purification:	Affinity chromatography
Conjugation:	Unconjugated
Storage:	Prior to reconstitution store at -20°C. Following reconstitution store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	cyclin D3
Database Link:	Entrez Gene 12445 Mouse Entrez Gene 25193 Rat Entrez Gene 896 Human P30281



[View online »](#)

Background:	Three cyclin D genes are normally expressed during the G1 phase of the cell cycle. The three human D-type cyclin genes encode small (33-34 kD) proteins that share an average of 57% identity over the entire coding region and 78% in the cyclin box. Mouse cyclin D3 gene contains 5 exons spanning about 7 kb of genomic DNA. CCND3 gene is mapped to 6p21.
Synonyms:	Cyclin-D3, CCND3
Protein Families:	Druggable Genome
Protein Pathways:	Cell cycle, Focal adhesion, Jak-STAT signaling pathway, p53 signaling pathway, Wnt signaling pathway