Cyclin D1 monoclonal antibody (DCS6)

Cyclins are a family of proteins which function as the regulatory subunits of cyclin/cyclin-dependent kinase (Cdk) holoenzymes, mediating entry into and progression through the cell cycle. Each cyclin is expressed in a temporal fashion during the cell cycle, partnering with a specific Cdk to activate its protein kinase activity. The most well defined mitotic cyclins are: cyclin D, which partners with cdks 4 and 6 during early G1 phase; cyclin E, which activates Cdk2 in the G1 to S phase transition; cyclin A, which utilizes Cdks 1 and 2 during progression through S phase and into G2; and cyclin B, which activates Cdk1 in M-phase promotion.

This antibody is covered by our Worry-Free Guarantee.

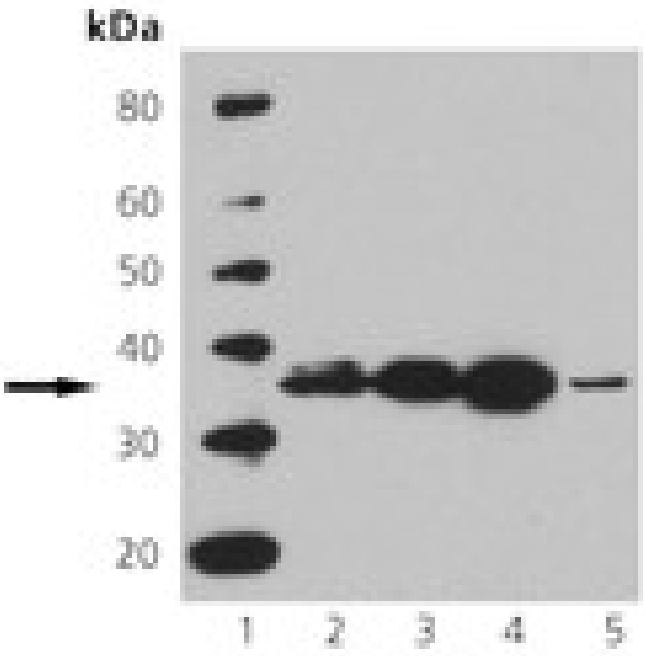
Ordering Information

Order Online »

ADI-905-776-100	100µg

Manuals, SDS & CofA

View Online »



Western blot analysis of Cyclin D1. Lane 1: MW, Lane 2: 3T3, Lane 3: L929, Lane 4: PC-12, Lane 5: A431.

Handling & Storage

Handling	Avoid freeze/thaw cycles.
Long Term Storage	-20°C
Shipping	Blue Ice

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	CCND1
Application	WB
Application Notes	Detects a band of ~36kDa by Western blot.
Clone	DCS6
Formulation	Liquid. In PBS, pH 7.2, containing 50% glycerol and 0.09% sodium azide.
Host	Mouse
Immunogen	Recombinant full length human Cyclin D1.
Purity Detail	Protein G affinity purified.
Recommendation Dilutions/Conditions	Western Blot (1µg/ml, ECL)Suggested dilutions/conditions may not be available for all applications.Optimal conditions must be determined individually for each application.
Source	Purified from mouse ascites.
Species Reactivity	Human, Mouse, Rat
UniProt ID	P24385
Worry-free Guarantee	**This antibody is covered by our Worry-Free Guarantee .**

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