

## Product datasheet

# Anti-Cyclin D3 antibody [DCS-28.1] (Biotin) ab79088

## 2 图像

### 概述

产品名称	Anti-Cyclin D3抗体[DCS-28.1] (Biotin)
描述	小鼠单克隆抗体[DCS-28.1] to Cyclin D3 (Biotin)
宿主	Mouse
偶联物	Biotin
经测试应用	适用于: WB, IP
种属反应性	与反应: Rat, Human
免疫原	Purified human recombinant full length Cyclin D3 protein
阳性对照	Ls174T and PC12 cells.

### 性能

形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Store at -20°C or -80°C. Avoid freeze / thaw cycle.
存储溶液	Preservative: 0.09% Sodium Azide Constituents: 0.2% BSA, 10mM PBS, pH 7.4
纯度	Protein G purified
纯化说明	ab79088 is purified from ascites fluid by Protein G chromatography.
克隆	单克隆
克隆编号	DCS-28.1
同种型	IgG1

### 应用

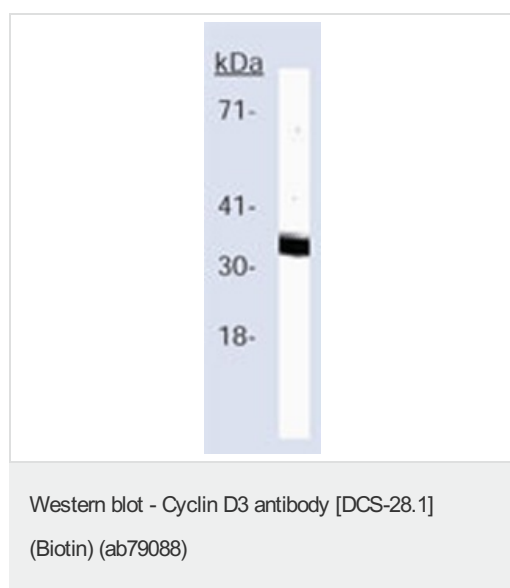
Our [Abpromise guarantee](#) covers the use of **ab79088** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

应用	Ab评论	说明
WB		

应用	Ab评论	说明
IP		
<b>应用说明</b>	<p>IP: Use at 2µg/mg of lysate.</p> <p>WB: Use at a concentration of 1 - 2 µg/ml for 2hrs at RT. Detects a band of approximately 35 kDa (predicted molecular weight: 35 kDa).</p> <p>Not yet tested in other applications.</p> <p>Optimal dilutions/concentrations should be determined by the end user.</p>	
<b>靶标</b>		
<b>功能</b>	<p>Regulatory component of the cyclin D3-CDK4 (DC) complex that phosphorylates and inhibits members of the retinoblastoma (RB) protein family including RB1 and regulates the cell-cycle during G(1)/S transition. Phosphorylation of RB1 allows dissociation of the transcription factor E2F from the RB/E2F complex and the subsequent transcription of E2F target genes which are responsible for the progression through the G(1) phase. Hypophosphorylates RB1 in early G(1) phase. Cyclin D-CDK4 complexes are major integrators of various mitogenic and antimitogenic signals. Also substrate for SMAD3, phosphorylating SMAD3 in a cell-cycle-dependent manner and repressing its transcriptional activity. Component of the ternary complex, cyclin D3/CDK4/CDKN1B, required for nuclear translocation and activity of the cyclin D-CDK4 complex.</p>	
<b>序列相似性</b>	<p>Belongs to the cyclin family. Cyclin D subfamily.</p> <p>Contains 1 cyclin N-terminal domain.</p>	
<b>细胞定位</b>	<p>Nucleus. Cytoplasm. Membrane. Cyclin D-CDK4 complexes accumulate at the nuclear membrane and are then translocated to the nucleus through interaction with KIP/CIP family members.</p>	

## 图片

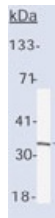


anti-Cyclin D3 at 2 µg/ml + a rat cell lysate

**Predicted band size:** 35 kDa

**Observed band size:** 35 kDa

The purified form of this antibody was used for staining.



Immunoprecipitation - Cyclin D3 antibody [DCS-28.1] (Biotin) (ab79088)

Detection of Cyclin D3 by Western Blot of Immunoprecipitate.

Staining of Cyclin D3 in a human cell lysate immunoprecipitated using ab79088 at 2µg/mg lysate. The purified form of this antibody was used for staining.

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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