

## Cyclin D3 polyclonal antibody

Catalog: BS90357

Host: Rabbit

Reactivity: Human, Mouse

### BackGround:

The proliferation of eukaryotic cells is controlled at specific points in the cell cycle, particularly at the G1 to S and the G2 to M transitions. It is well established that the Cdc2 p34-cyclin B protein kinase plays a critical role in the G2 to M transition while cyclin A associates with Cdk2 p33 and functions in S phase. Considerable effort directed towards the identification of G1 cyclins has led to the isolation of cyclin D, cyclin C and cyclin. Of these, cyclin D corresponds to a putative human oncogene, designated PRAD1, which maps at the site of the Bcl-1 rearrangement in certain lymphomas and leukemias. Two additional human type D cyclins, as well as their mouse homologs, have been identified. Evidence has established that members of the cyclin D family function to regulate phosphorylation of the retinoblastoma gene product, thereby activating E2F transcription factors.

### Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

### Molecular Weight:

32 kDa

### Swiss-Prot:

P30281(Human) P30282(Mouse)

### Purification&Purity:

ProA affinity purified

### Applications:

WB:1:1,000

ICC:1:50-1:200

FC:1:10-1:50

### Storage&Stability:

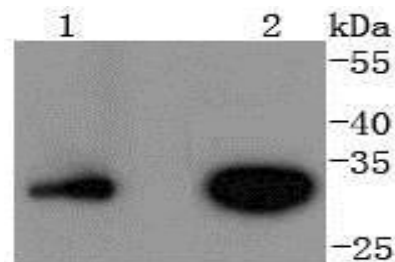
Store at +4 °C after thawing. Aliquot store at -20 °C or

-80 °C. Avoid repeated freeze / thaw cycles.

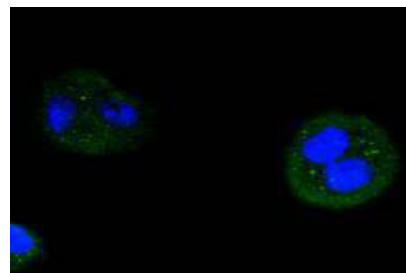
### Specificity:

Cyclin D3 polyclonal antibody detects endogenous levels of Cyclin D3 protein.

### DATA:



Western blot analysis of Cyclin D3 on different lysates using anti-Cyclin D3 antibody at 1/1,000 dilution. Positive control: Lane 1: Jurkat Lane 2: HeLa



ICC staining Cyclin D3 in HeLa cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.

### Note:

For research use only, not for use in diagnostic procedure.

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