

## CDK6 polyclonal antibody

Catalog: BS90283

Host: Rabbit

Reactivity: Human, mouse, rat

### BackGround:

CDK6 protein contains a catalytic core composed of a serine/threonine domain. This protein also contains an ATP-binding pocket, inhibitory and activating phosphorylation sites, a PSTAIRE-like cyclin-binding domain and an activating T-loop motif. CDK6 is involved in a positive feedback loop that activates transcription factors through a reaction cascade. CDK6 is important for the control of G1 to S phase transition. However, in recent years, new evidence proved that the presence of CDK6 is not essential for proliferation in every cell type, the cell cycle has a complex circuitry of regulation and the role of CDK6 might be more important in certain cell types than in others, where CDK4 or CDK2 can act as protein kinases compensating its role.

### Product:

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

### Molecular Weight:

37 kDa

### Swiss-Prot:

Q00534

### Purification&Purity:

Peptide affinity purified

### Applications:

WB:1:2,000

ICC:1:200

IHC:1:200

### Storage&Stability:

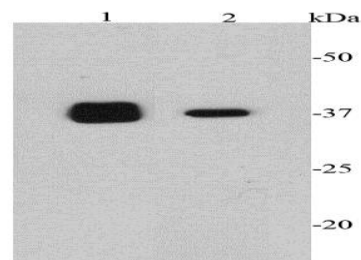
Store at +4 °C after thawing. Aliquot store at -20 °C or

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

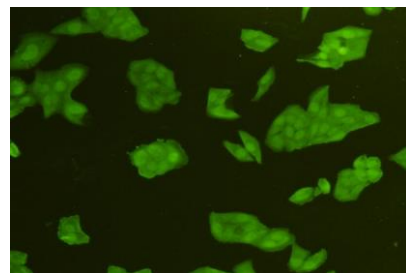
### Specificity:

CDK6 polyclonal antibody detects endogenous levels of CDK6 protein.

### DATA:



Western blot analysis of CDK6 on different cell lysates using anti-CDK6 antibody at 1/2000 dilution. Positive control: Lane 1: K562  
Lane 2: COS-1



ICC staining CDK6 in HeLa cells (green). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.

### Note:

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

### Bioworld Technology, Inc.

Add: 1660 South Highway 100, Suite 500 St. Louis Park, MN 55416, USA.

Email: [info@bioworld.com](mailto:info@bioworld.com)

Tel: 6123263284

Fax: 6122933841

### Bioworld technology, co. Ltd.

Add: No 9, weidi road Qixia District Nanjing, 210046, P. R. China.

Email: [info@biogot.com](mailto:info@biogot.com)

Tel: 0086-025-68037686

Fax: 0086-025-68035151