

# Anti-Cyclin B1 Rabbit mAb

Purified Rabbit Monoclonal Antibody

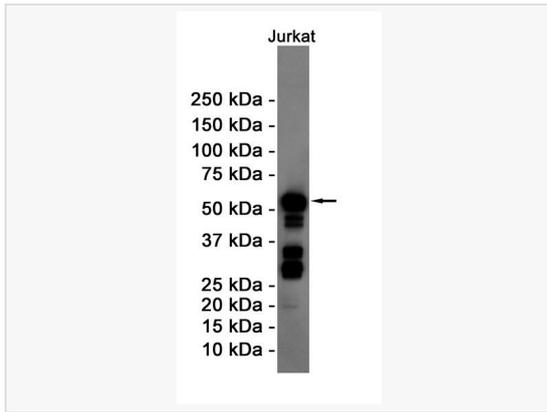
Catalog # R012240

## Product Information

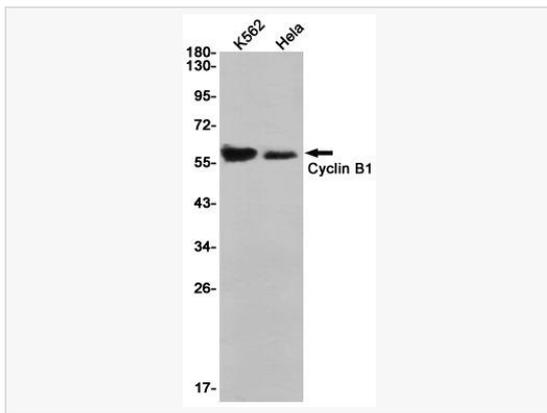
|             |   |
|-------------|---|
| Application | WB, ICC/IF (Cell), IP, ELISA  |
| Reactivity  | Human   |
| Dilution    | WB 1:500~1:1,000; IF 1:50~1:200; IP 1:20  |
| Host        | Rabbit  |
| Clonality   | Monoclonal  |
| Clone No.   | 67K54M48  |
| Isotype     | IgG   |
| Label       | Unconjugated  |
| Immunogen   | A synthetic peptide of human Cyclin B1  |
| Format      | Buffer System: 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA Purification: Affinity Purified. |
| Storage     | Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.           |
| Precautions | Anti-Cyclin B1 antibody [67K54M48] is for research use only and not for use in diagnostic or therapeutic procedures.                  |

## Protein Information

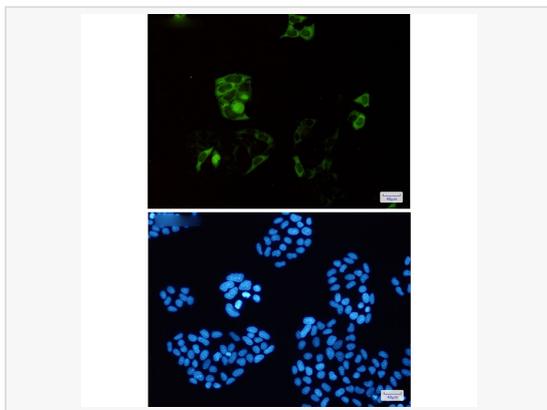
|               |   |
|---------------|---|
| Synonyms      | CCNB1, CCNB, G2/mitotic-specific cyclin-B1.   |
| Calculated MW | Calculated MW: 48 kDa; Observed MW: 55 kDa  |
| Uniprot ID    | P14635  |
| Gene ID       | 891   |
| Background    | Essential for the control of the cell cycle at the G2/M (mitosis) transition. a member of the highly conserved cyclin family, whose members are characterized by a dramatic periodicity in protein abundance through the cell cycle. Cyclins function as regulators of CDK kinases. |



Western blot analysis of Cyclin B1 in Jurkat lysates using Cyclin B1 antibody.



Western blot analysis of Cyclin B1 in K562, HeLa lysates using Cyclin B1 antibody.



Immunocytochemistry analysis of Cyclin B1 (green) in HeLa using Cyclin B1 antibody and DAPI (blue)