

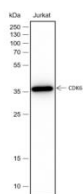
bsm-52030R**[Primary Antibody]****BioSS**
ANTIBODIES

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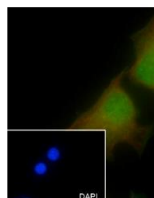
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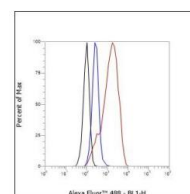
400-901-9800

Cdk6 Recombinant Rabbit mAb**DATASHEET****Host:** Rabbit**Isotype:** IgG**Clonality:** Recombinant**CloneNo.:** 4F7**GeneID:** 1021**SWISS:** Q00534**Target:** Cdk6**Purification:** affinity purified by Protein A**Concentration:** 1mg/ml**Storage:** 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.**Background:** The protein encoded by this gene is a member of the cyclin-dependent protein kinase (CDK) family. CDK family members are highly similar to the gene products of *Saccharomyces cerevisiae* cdc28, and *Schizosaccharomyces pombe* cdc2, and are known to be important regulators of cell cycle progression. This kinase is a catalytic subunit of the protein kinase complex that is important for cell cycle G1 phase progression and G1/S transition. The activity of this kinase first appears in mid-G1 phase, which is controlled by the regulatory subunits including D-type cyclins and members of INK4 family of CDK inhibitors.**Applications:** **WB** (1:500-2000)
IHC-P (1:100-500)
IHC-F (1:50-200)
IF (1:50-200)
Flow-Cyt (1:50)
ICC/IF (1:50)**Reactivity:** Human**Predicted MW.:** 37 kDa**Subcellular Location:** Cytoplasm ,Nucleus**VALIDATION IMAGES**

Blocking buffer: 5% NFDM/TBST Primary Ab dilution: 1:2000 Primary Ab incubation condition: 2 hours at room temperature
Secondary Ab: Goat Anti-Rabbit IgG H&L (HRP)
Lysate: Jurkat Protein loading quantity: 20 µg
Exposure time: 60 s Predicted MW: 37 kDa
Observed MW: 37 kDa



Cell line: HeLa Fixative: 100% Ice-cold methanol Permeabilization: 0.1% TritonX-100 Primary Ab dilution: 1:50 Primary incubation condition: 4°C overnight Secondary Ab: Goat Anti-Rabbit IgG
Nuclear counter stain: DAPI (Blue) Counter stain: Tubulin (Red) Comment: Color green is the positive signal for bsm-52030R



Cell line: HeLa Fixation: 4% Paraformaldehyde Permeabilization: 90% Methanol Primary Ab dilution: 1:50 Secondary Ab: Goat Anti-Rabbit IgG Unlabelled control: The cell without incubation with primary antibody and secondary antibody (Black line). Isotype control: Rabbit monoclonal IgG (Blue line). Comment: Line red is the positive signal for bsm-52030R

SELECTED CITATIONS

- [IF=2.9]** Ying Wu. et al. CircRNA_0003307 promoted brain microvascular endothelial cell angiogenesis, invasion, and migration in cerebral ischemia-reperfusion injury: Potential involvement of miRNA-191-5p/CDK6 pathway: Running title: The function of circRNA_0003307 in cerebral I/R. NEUROSCIENCE. 2024 Sep.; IHC ;Mouse. 39284436