

bs-5286R**[Primary Antibody]****phospho-CDK6 (Tyr13) Rabbit pAb****Bioss**
ANTIBODIES

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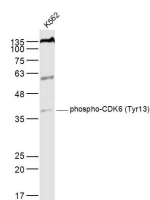
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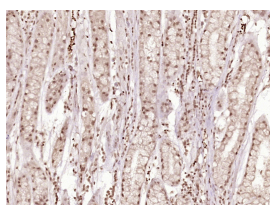
400-901-9800

— DATASHEET —

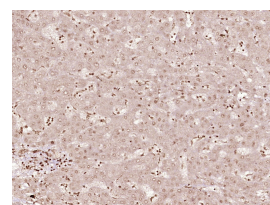
Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000)
Clonality: Polyclonal		IHC-P (1:100-500)
GeneID: 1021	SWISS: Q00534	IHC-F (1:100-500)
Target: CDK6 (Tyr13)		IF (1:100-500)
Immunogen: KLH conjugated Synthesised phosphopeptide derived from human CDK6 around the phosphorylation site of Tyr13: QQ(p-Y)EC.		Reactivity: Human (predicted: Mouse, Rat, Rabbit, Pig, Cow, Dog, Horse)
Purification: affinity purified by Protein A		
Concentration: 1mg/ml		Predicted MW.: 37 kDa
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.		Subcellular Location: Cytoplasm ,Nucleus
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 <i>Saccharomyces cerevisiae</i> cdc28, and <i>Schizosaccharomyces pombe</i> 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.		

— VALIDATION IMAGES —

Sample: K562(Human) Cell Lysate at 30 ug
 Primary: Anti-phospho-CDK6 (Tyr13) (bs-5286R)
 at 1/500 dilution Secondary: IRDye800CW Goat
 Anti-Rabbit IgG at 1/20000 dilution Predicted
 band size: 37 kD Observed band size: 37 kD



Paraformaldehyde-fixed, paraffin embedded
 (Human stomach carcinoma); Antigen retrieval
 by boiling in sodium citrate buffer (pH6.0) for
 15min; Block endogenous peroxidase by 3%
 hydrogen peroxide for 20 minutes; Blocking
 buffer (normal goat serum) at 37°C for 30min;
 Antibody incubation with (phospho-CDK6
 (Tyr13)) Polyclonal Antibody, Unconjugated
 (bs-5286R) at 1:400 overnight at 4°C, followed by
 operating according to SP Kit(Rabbit) (sp-0023)
 instructionsand DAB staining.



Paraformaldehyde-fixed, paraffin embedded
 (Human liver carcinoma); Antigen retrieval by
 boiling in sodium citrate buffer (pH6.0) for
 15min; Block endogenous peroxidase by 3%
 hydrogen peroxide for 20 minutes; Blocking
 buffer (normal goat serum) at 37°C for 30min;
 Antibody incubation with (phospho-CDK6
 (Tyr13)) Polyclonal Antibody, Unconjugated
 (bs-5286R) at 1:400 overnight at 4°C, followed by
 operating according to SP Kit(Rabbit) (sp-0023)
 instructionsand DAB staining.