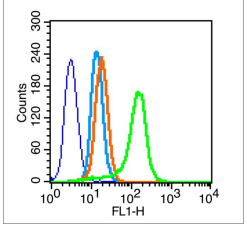
www.bioss.com.cn
sales@bioss.com.cn
techsupport@bioss.com.cn
400-901-9800

Phospho-Cyclin B1 (Ser133) Rabbit pAb

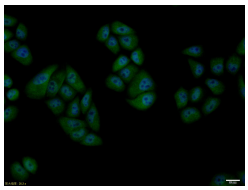
Catalog Number:	bs-3123R
Target Protein:	Phospho-Cyclin B1 (Ser133)
Concentration:	1mg/ml
Form:	Liquid
Host:	Rabbit
Clonality:	Polyclonal
Isotype:	IgG
Applications:	Flow-Cyt (1µg /Test), ICC/IF (1:100)
Reactivity:	Human (predicted:Mouse, Rat, Pig)
Predicted MW:	48 kDa
Subcellular Locations:	Cytoplasm ,Nucleus
Entrez Gene:	891
Swiss Prot:	P14635
Source:	KLH conjugated Synthesised phosphopeptide derived from human Cyclin B1 around the phosphorylation site of Ser133: ET(p-S)GC.
Purification:	affinity purified by Protein A
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 regulatory protein involved in mitosis. The gene product complexes with p34(cdc2) to form the maturation-promoting factor (MPF). Two alternative transcripts have been found, a constitutively expressed transcript and a cell cycle-regulated transcript, that is expressed predominantly during G2/M phase. The different transcripts result from the use of alternate transcription initiation sites. [provided by RefSeq, Jul 2008].

VALIDATION IMAGES



Blank control (blue line): A549 (blue). Primary Antibody (green line): Rabbit Anti-Phospho-Cyclin B1 (Ser133) antibody (bs-3123R) Dilution: 1µg /10^6 cells; Isotype Control Antibody (orange line): Rabbit IgG . Secondary Antibody (white blue line): F(ab')2 fragment goat anti-rabbit IgG-FITC Dilution: 1µg /test. Protocol The cells were fixed with 2% paraformaldehyde (10 min) and then permeabilized with 0.1% PBS-Tween for 20 min at room temperature.Cells stained with Primary Antibody for 30 min at room temperature. The cells were then incubated in 1 X PBS/2%BSA/10% goat serum to block non-specific protein-protein interactions followed by the antibody for 15 min at room temperature. The secondary antibody used for 40 min at room temperature.

Acquisition of 20,000 events was performed.



Hela cell; 4% Paraformaldehyde-fixed; Triton X-100 at room temperature for 20 min; Blocking buffer (normal goat serum, C-0005) at 37°C for 20 min; Antibody incubation with (Phospho-Cyclin B1 (Ser133)) polyclonal Antibody, Unconjugated (bs-3123R) 1:100, 90 minutes at 37°C; followed by a conjugated Goat Anti-Rabbit IgG antibody at 37°C for 90 minutes, DAPI (blue, C02-04002) was used to stain the cell nuclei.