

bs-0583R**[Primary Antibody]****c-Abl Rabbit pAb****BioSS**
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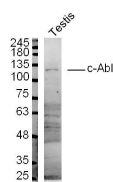
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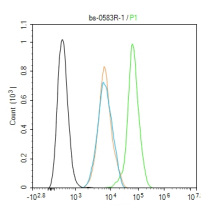
400-901-9800

— DATASHEET —**Host:** Rabbit**Isotype:** IgG**Clonality:** Polyclonal**GeneID:** 25**SWISS:** P00519**Target:** c-Abl**Immunogen:** KLH conjugated synthetic peptide derived from human c-Abl: 401-500/1149.**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 ABL1 protooncogene encodes a cytoplasmic and nuclear protein tyrosine kinase that has been implicated in processes of cell differentiation, cell division, cell adhesion, and stress response. Activity of c-Abl protein is negatively regulated by its SH3 domain, and deletion of the SH3 domain turns ABL1 into an oncogene. The t(9;22) translocation results in the head-to-tail fusion of the BCR (MIM:151410) and ABL1 genes present in many cases of chronic myelogenous leukemia. The DNA-binding activity of the ubiquitously expressed ABL1 tyrosine kinase is regulated by CDC2-mediated phosphorylation, suggesting a cell cycle function for ABL1. The ABL1 gene is expressed as either a 6- or 7-kb mRNA transcript, with alternatively spliced first exons spliced to the common exons 2-11. [provided by RefSeq].**Applications:** **WB** (1:500-2000)**Flow-Cyt** (1ug/Test)**Reactivity:** Human, Mouse
(predicted: Rat, Rabbit, Pig,
Cow, Chicken, Dog,
GuineaPig, Horse)**Predicted**
MW.: 124 kDa**Subcellular** Cell membrane ,Cytoplasm
Location: ,Nucleus**— VALIDATION IMAGES —**

Sample: Testis (Mouse) Lysate at 40 ug Primary:
Anti- c-Abl (bs-0583R) at 1/300 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at
1/20000 dilution Predicted band size: 124 kD
Observed band size: 124 kD



Blank control (black line) :Hela. Primary
Antibody (green line): Rabbit Anti-c-Abl antibody
(bs-0583R) Dilution:1ug/Test; Secondary
Antibody (white blue line) : Goat anti-rabbit
IgG-AF488 Dilution: 0.5ug/Test. Isotype control
(orange line) : Normal Rabbit IgG Protocol The
cells were fixed with 4% PFA (10min at room
temperature)and then permeabilized with 90%
ice-cold methanol for 20 min at -20°C, The cells
were then incubated in 5%BSA to block non-
specific protein-protein interactions for 30 min
at room temperature .Cells stained with Primary
Antibody for 30 min at room temperature. The
secondary antibody used for 40 min at room
temperature. Acquisition of 20,000 events was
performed.