

bs-7742R**[Primary Antibody]****CEP55 Rabbit pAb****BioSS**
ANTIBODIES

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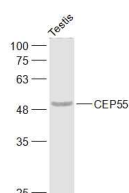
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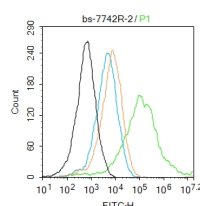
400-901-9800

— DATASHEET —

Host: Rabbit Clonality: Polyclonal GeneID: 55165 Target: CEP55 Immunogen: KLH conjugated synthetic peptide derived from human CEP55: 151-250/464. 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: CEP55 (Centrosomal protein 55kDa) is essential for mitotic exit and cytokinesis. It is not required for microtubule nucleation.	Isotype: IgG SWISS: Q53EZ4	Applications: WB (1:500-2000) Flow-Cyt (2ug/Test) Reactivity: Mouse (predicted: Human, Rat, Pig, Sheep, Dog, Horse) Predicted MW.: 54 kDa Subcellular Location: Cytoplasm
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— VALIDATION IMAGES —

Sample: Testis (Mouse) Lysate at 40 ug Primary:
 Anti-CEP55 (bs-7742R) at 1/1000 dilution
 Secondary: IRDye800CW Goat Anti-Rabbit IgG at
 1/20000 dilution Predicted band size: 54 kD
 Observed band size: 52 kD



Blank control: Mouse kidney. Primary Antibody (green line): Rabbit Anti-CEP55 antibody (bs-7742R) Dilution: 2µg / 10⁶ cells; Isotype Control Antibody (orange line): Rabbit IgG. Secondary Antibody: Goat anti-rabbit IgG-AF488 Dilution: 1µg / test. Protocol The cells were fixed with 4% PFA (10min at room temperature) and then permeabilized with 0.1% PBST for 20 min at room temperature. 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.

— SELECTED CITATIONS —

- **[IF=2.569]** Jiang et al. Prognostic significance of centrosomal protein 55 in stage I pulmonary adenocarcinoma after radical resection. (2016) Thorac.Cancer. 7:316-22 IHC ;Human. 27148417
- **[IF=1.39]** Jiang et al. CEP55 overexpression predicts poor prognosis in patients with locally advanced esophageal squamous cell carcinoma. (2017) Oncol.Lett. 13:236-242 IHC ;Human. 28123547