

bs-13141R

[Primary Antibody]

phospho-FANCD2 (Ser1404) Rabbit pAb

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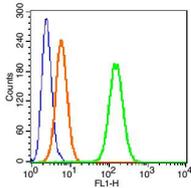
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— DATASHEET —

<p>Host: Rabbit</p> <p>Clonality: Polyclonal</p> <p>GeneID: 2177</p> <p>Target: FANCD2 (Ser1404)</p> <p>Immunogen: KLH conjugated Synthesised phosphopeptide derived from human FANCD2 around the phosphorylation site of Ser1404: QN(p-S)QE.</p> <p>Purification: affinity purified by Protein A</p> <p>Concentration: 1mg/ml</p> <p>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.</p> <p>Background: Fanconi Anemia (FANCD2) is a human autosomal-recessive cancer susceptibility disorder characterized by congenital defects, progressive bone marrow failure, and cellular hypersensitivity to mitomycin C (MMC). The FANCD2 subunit D2 protein is vital for cellular resistance to DNA cross-linking and the arrest of DNA synthesis after ionizing radiation. DNA damage activates the monoubiquitination of FANCD2, targeting nuclear foci containing the BRCA1 protein.</p>	<p>Isotype: IgG</p> <p>SWISS: Q9BXW9</p>	<p>Applications: Flow-Cyt (1µg/Test)</p> <p>Reactivity: Human (predicted: Rabbit, Pig, Sheep, Cow, Horse)</p> <p>Predicted MW.: 162 kDa</p> <p>Subcellular Location: Nucleus</p>
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— VALIDATION IMAGES —



Blank control(blue): HeLa Cells(fixed with 2% paraformaldehyde (10 min) and then permeabilized with ice-cold 90% methanol for 30 min on ice). Primary Antibody: Rabbit Anti-phospho-FANCD2(Ser1404)/AF488 Conjugated antibody (bs-13141R/AF488), Dilution: 1µg in 100 µL 1X PBS containing 0.5% BSA; Isotype Control Antibody: Rabbit IgG/AF488 (orange) ,used under the same conditions.