

bs-3015R**[Primary Antibody]****phospho-FANCD2 (Ser222) Rabbit pAb****Bioss**
ANTIBODIES

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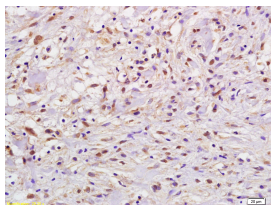
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— DATASHEET —

Host: Rabbit	Isotype: IgG	Applications: IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) Reactivity: Human (predicted: Mouse, Rat, Pig, Cow, Dog) Predicted MW.: 162 kDa Subcellular Location: Nucleus
Clonality: Polyclonal		
GeneID: 2177	SWISS: Q9BXW9	
Target: phospho-FANCD2 (Ser222)		
Immunogen: KLH conjugated Synthesised phosphopeptide derived from human FANCD2 around the phosphorylation site of Ser222: GD(p-S)QH.		
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: Fanconi Anemia (FANC) is a human autosomal-recessive cancer susceptibility disorder characterized by congenital defects, progressive bone marrow failure, and cellular hypersensitivity to mitomycin C (MMC). The FANC 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 FANC D2, targeting nuclear foci containing the BRCA 1 protein.		

— VALIDATION IMAGES —

Tissue/cell: human gastric carcinoma; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum, C-0005) at 37°C for 20 min; Incubation: Anti-phospho-FANCD2(Ser222) Polyclonal Antibody, Unconjugated(bs-3015R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining