

bs-18741R**[Primary Antibody]****phospho-MDC1 (Ser964) Rabbit pAb**

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— DATASHEET —

| | | |
|---|----------------------|--|
| Host: Rabbit | Isotype: IgG | Applications: WB (1:500-2000) IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) ICC/IF (1:100-500) ELISA (1:5000-10000) Reactivity: (predicted: Human) Predicted MW.: 227 kDa Subcellular Location: Nucleus |
| Clonality: Polyclonal | | |
| GeneID: 9656 | SWISS: Q14676 | |
| Target: MDC1 (Ser964) | | |
| Immunogen: KLH conjugated synthesised phosphopeptide derived from human MDC1 around the phosphorylation site of Ser964: AS(p-S)PT. | | |
| 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 protein encoded by this gene contains an N-terminal forkhead domain, two BRCA1 C-terminal (BRCT) motifs and a central domain with 13 repetitions of an approximately 41-amino acid sequence. The encoded protein is required to activate the intra-S phase and G2/M phase cell cycle checkpoints in response to DNA damage. This nuclear protein interacts with phosphorylated histone H2AX near sites of DNA double-strand breaks through its BRCT motifs, and facilitates recruitment of the ATM kinase and meiotic recombination 11 protein complex to DNA damage foci. [provided by RefSeq]. | | |