

bsm-63112R**[Primary Antibody]****phospho-NBN (S343) Recombinant Rabbit mAb**

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— DATASHEET —**Host:** Rabbit**Isotype:** IgG**Clonality:** Recombinant**CloneNo.:** 9F2**GeneID:** 4683**SWISS:** O60934**Target:** NBN (S343)**Immunogen:** A synthesized peptide derived from human p95 NBS1 around the phosphorylation site of S343: SL-pS-QG.**Purification:** affinity purified by Protein A**Storage:** 10mM phosphate buffered saline(pH 7.4) with 150mM sodium chloride, 0.05% BSA, 0.02% Proclin300 and 50% glycerol. Store at 4°C for short term. Store at -20°C for long term. Avoid repeated freeze/thaw cycles.**Background:** Component of the MRN complex, which plays a central role in double-strand break (DSB) repair, DNA recombination, maintenance of telomere integrity and meiosis. The MRN complex is involved in the repair of DNA double-strand breaks (DSBs) via homologous recombination (HR), an error-free mechanism which primarily occurs during S and G2 phases.**Applications:** **WB** (1:1000-2000)**ICC/IF** (1:50-200)**IP** (1:20-50)**Reactivity:** Human**Predicted MW.:** 85 kDa**Subcellular Location:** Nucleus