

**BLM Antibody****Subcategory:** Rabbit Polyclonal Antibody**Cat. No.:** 200159**Unit:** 0.1 mg**Description:**

BLM, a helicase protein from the RecQ subfamily, participates in DNA replication and repair with a magnesium-dependent ATP-dependent DNA-helicase activity that unwinds single- and double-stranded DNA in a 3'-5' direction. BLM is part of the BRCA1-associated genome surveillance complex (BASC), which contains BRCA1, MSH2, MSH6, MLH1, ATM, BLM, PMS2 and the RAD50-MRE11-NBS1 protein complex. Defects in BLM are the cause of bloom syndrome, characterized by growth deficiency, skin pigmentation disorders, predisposition to malignancy and chromosomal instability.

**Isotype:** Rabbit Ig**Applications:** E, WB**Species Reactivity:** H, M**Format:** Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4 with 0.09% sodium azide. Antibody was purified by Protein-G affinity chromatography.**Alternate Names:** Bloom syndrome protein; RecQ protein-like 3; DNA helicase RecQ-like type 2; BLM; RECQ2; RECQL3**Accession No.:** P54132**Antigen:** KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human BLM.**Application Notes:** E: 1:500-1:1,000; WB: 1:100-1:500**Storage:** Store at -20°C. Minimize freeze-thaw cycles.

Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.