

Rabbit anti-Human BLM Polyclonal Antibody | anti-BLM antibody

BLM Antibody (C-term)

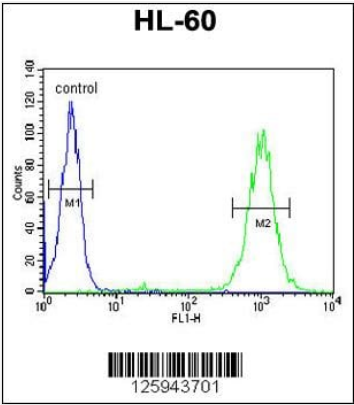
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA289989	Rabbit	Human	Flow Cytometry, Functional Assay, ELISA, Western Blot

PRODUCT SYNONYMS

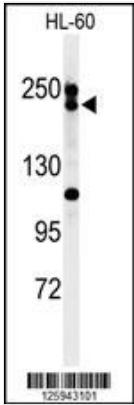
BLM; Polyclonal Antibody; BLM Antibody (C-term); Bloom syndrome protein; DNA helicase; RecQ-like type 2; RecQ2; RecQ protein-like 3; RECQ2; RECQL3; anti-BLM antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This BLM antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1054-1082 amino acids from the C-terminal region of human BLM.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	1054-1082
Sequence Length	1,417
Applicable Applications for anti-BLM antibody	FCM/FACS (Flow Cytometry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



FCM/FACS (Flow Cytometry)
BLM Antibody (C-term) flow cytometric analysis of HL-60 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



WB (Western Blot)
Western blot analysis of BLM Antibody (C-term) in HL-60 cell line lysates (35ug/lane). BLM (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-BLM antibody	BLM is related to the RecQ subset of DEXH box-containing DNA helicases and has both DNA-stimulated ATPase and ATP-dependent DNA helicase activities.
References	Davila, S., et al. Genes Immun. 11(3):232-238(2010) Frank, B., et al. Carcinogenesis 31(3):442-445(2010) Ouyang, K.J., et al. PLoS Biol. 7 (12), E1000252 (2009)

NCBI AND UNIPROT INFORMATION

NCBI GI #	4557365
NCBI GeneID	641
NCBI Accession #	NP_000048.1
NCBI GenBank Nucleotide #	NM_000057.3
UniProt Accession #	P54132; Q52M96
Molecular Weight	159000
NCBI Official Full Name	Bloom syndrome protein isoform 1
NCBI Official Synonym Full Names	Bloom syndrome, RecQ helicase-like
NCBI Official Symbol	BLM
NCBI Official Synonym Symbols	BS; RECQ2; RECQL2; RECQL3
NCBI Protein Information	Bloom syndrome protein
UniProt Protein Name	Bloom syndrome protein
UniProt Gene Name	BLM
UniProt Synonym Gene Names	RECQ2; RECQL3; RecQ2
UniProt Entry Name	BLM_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.