

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

BLM Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA302258	Rabbit	Human	Western Blot, Immunofluorescence

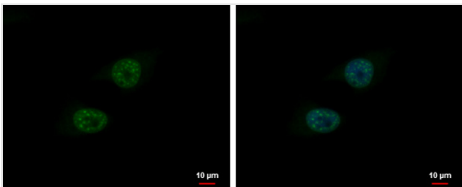
PRODUCT SYNONYMS

BLM; Polyclonal Antibody; BLM Antibody; BS antibody; MGC126616 antibody; MGC131618 antibody; MGC131620 antibody; RECQ2 antibody; RECQL2 antibody; RECQL3 antibody; BLM antibody; "DNA helicase; RecQ-like type 2 antibody"; Bloom syndrome protein antibody; recQ protein-like 3 antibody; "Bloom syndr; anti-BLM antibody

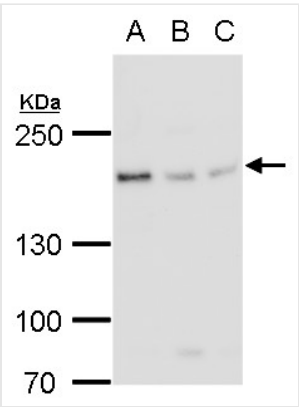
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total BLM protein.
Purity/Purification	Antibodies were purified by antigen-affinity chromatography.
Form/Format	Rabbit IgG in 1XPBS, 20% Glycerol (pH7). 0.01% Thimerosal was added as a preservative.
Concentration	0.93 mg/ml (varies by lot)
Sequence Length	1417
Applicable Applications for anti-BLM antibody	WB (Western Blot), IF (Immunofluorescence)
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant fragment corresponding to a region within amino acids 30 and 385 of BLM.
Target Name	BLM
Preparation and Storage	Store at -20°C.

IMAGES



Application Data
BLM antibody, N-term detects BLM protein at nucleus by immunofluorescent analysis. Sample: HeLa cells were fixed in 4% paraformaldehyde at RT for 15 min. Green: BLM protein stained by BLM antibody, N-term () diluted at 1:500. Blue: Hoechst 33342 staining.



Application Data
BLM antibody detects BLM protein by western blot analysis. A. 30 mug Jurkat whole cell lysate/extract B. 30 mug Raji whole cell lysate/extract C. 30 mug NCI-H929 whole cell lysate/extract 5 % SDS-PAGE diluted at 1:500

ADDITIONAL INFORMATION

Related Product Information for anti-BLM antibody	The Bloom syndrome gene product is related to the RecQ subset of DExH box-containing DNA helicases and has both DNA-stimulated ATPase and ATP-dependent DNA helicase activities. Mutations causing Bloom syndrome delete or alter helicase motifs and may disable the 3'-5' helicase activity. The normal protein may act to suppress inappropriate recombination. [provided by RefSeq]
Product Categories/Family for anti-BLM antibody	Total protein Ab

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	SDS-PAGE MW: 159kd
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.

