

BLM Antibody

Catalog No: #35370

Package Size: #35370 100ul

Description

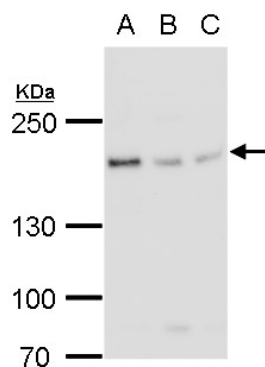
Product Name	BLM Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were purified by antigen-affinity chromatography.
Applications	IF WB
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total BLM protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant fragment corresponding to a region within amino acids 30 and 385 of BLM.
Conjugates	Unconjugated
Target Name	BLM
Other Names	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
Accession No.	Swiss-Prot#:P54132;NCBI Gene#:641
SDS-PAGE MW	159kd
Concentration	0.93mg/ml
Formulation	Rabbit IgG in 1XPBS, 20% Glycerol (pH7). 0.01% Thimerosal was added as a preservative.
Storage	Store at -20°C

Application Details

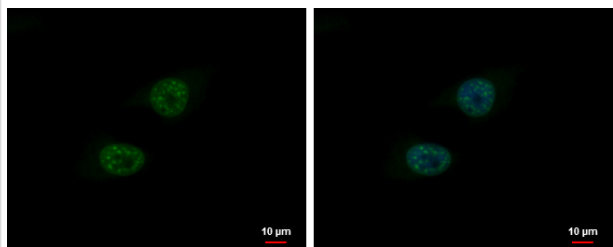
Western blotting: 1:500-1:3000

Immunofluorescence: 1:100-1:1000

Images



BLM antibody detects BLM protein by western blot analysis. A. 30 µg Jurkat whole cell lysate/extract B. 30 µg Raji whole cell lysate/extract C. 30 µg NCI-H929 whole cell lysate/extract 5 % SDS-PAGE #35370 diluted at 1:500



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 (#35370) diluted at 1:500. Blue: Hoechst 33342 staining.

Background

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]

Published Papers

Ning Keni;Tang Xiaoyan;Li Zhe;Zhong Liting;Zhou Yingchen;Wang Jiaen;Huang Wanyi;Zhang Han;Ke Jiajun;Luan Tiangang;Chen Shuo-Bin;Zhai Junqiu et al., Specific Monitoring the DNA Helicase Function via Anchor-Embedded DNA Probe, , (2024)

PMID:

Note: This product is for in vitro research use only and is not intended for use in humans or animals.