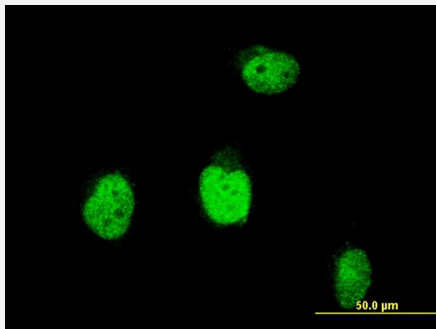


BLM monoclonal antibody (M01), clone 1E4

Catalog # H00000641-M01

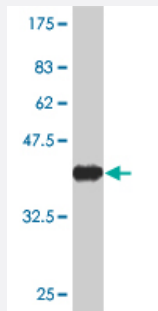
Size 100 ug

Applications



Immunofluorescence

Immunofluorescence of monoclonal antibody to BLM on HeLa cell . [antibody concentration 10 ug/ml]



Western Blot detection against Immunogen (36.74 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant BLM.
Immunogen	BLM (NP_000048, 1196 a.a. ~ 1295 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	SSVKKQKALVAKVSQREEMVKKCLGELTEVCKSLGKVFVGHYFNIFNTVTLKKLAESLSSDPEVL LQIDGVTEDKLEKYGAEVISVLQKYSEWTSPAEDS
Host	Mouse
Reactivity	Human

Interspecies Antigen Sequence	Rat (87)
Isotype	IgG1 Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.74 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

- Immunofluorescence

Immunofluorescence of monoclonal antibody to BLM on HeLa cell . [antibody concentration 10 ug/ml]

Gene Info — BLM

Entrez GeneID	641
GeneBank Accession#	NM_000057
Protein Accession#	NP_000048
Gene Name	BLM
Gene Alias	BS, MGC126616, MGC131618, MGC131620, RECQ2, RECQL2, RECQL3
Gene Description	Bloom syndrome
Omim ID	210900 604610
Gene Ontology	Hyperlink

Gene Summary

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]

Other Designations

Bloom syndrome protein

Pathway

- [Homologous recombination](#)

Disease

- [Adenocarcinoma](#)
- [Bloom Syndrome](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Cardiovascular Diseases](#)
- [Colorectal Neoplasms](#)
- [Cystic fibrosis](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Fanconi Anemia](#)
- [Gaucher disease](#)
- [Genetic Diseases](#)
- [Genetic Predisposition to Disease](#)
- [Hematologic Diseases](#)
- [Hodgkin Disease](#)
- [Kidney Failure](#)

- [Lung Neoplasms](#)
- [Lymphoma](#)
- [Lymphoproliferative Disorders](#)
- [Malignant melanoma](#)
- [Meningeal Neoplasms](#)
- [Meningioma](#)
- [Neoplasms](#)
- [Occupational Diseases](#)
- [Ovarian cancer](#)
- [Ovarian Neoplasms](#)
- [Pulmonary Disease](#)
- [Urinary Bladder Neoplasms](#)
- [Waldenstrom Macroglobulinemia](#)
- [Werner syndrome](#)