

MUS81 antibody

Catalog No: #22808

Orders: order@signalwayantibody.com

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Description

Product Name	MUS81 antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Affinity purified by Protein A.
Applications	WB IF
Species Reactivity	Hu
Immunogen Type	Recombinant protein
Immunogen Description	Recombinant protein fragment contain a sequence corresponding to a region within amino acids 196 and 380 of MUS81
Target Name	MUS81
Accession No.	NCBI Gene ID: 80198NCBI mRNA#: NM_025128NCBI Protein#: NP_079404
Uniprot	Q96NY9
GeneID	80198;
Concentration	2mg/ml
Formulation	Supplied in 1XPBS, 40% Glycerol (pH7.0). 0.01% Thimerosal was added as a preservative.
Storage	Store at -20°C for long term preservation (recommended). Store at 4°C for short term use.

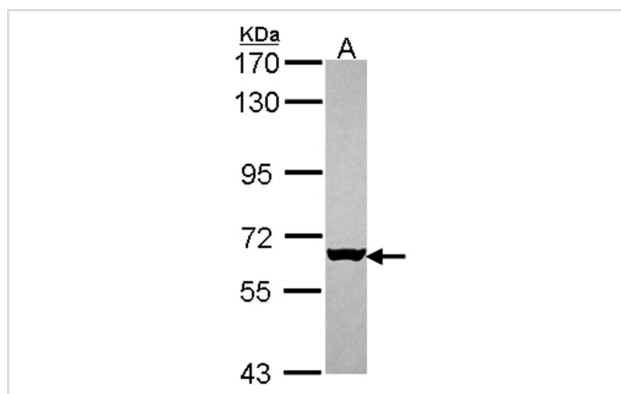
Application Details

Predicted MW: 61kd

Western blotting: 1:500-1:3000

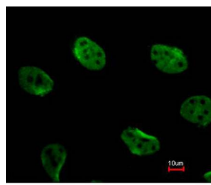
Immunofluorescence: 1:100-1:200

Images

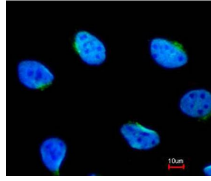


Sample (30 ug of whole cell lysate)
 A: Hep G2
 7.5% SDS PAGE
 Primary antibody diluted at 1: 500

Immunofluorescence analysis of paraformaldehyde-fixed HeLa, using MUS81 antibody at 1: 100 dilution.



Merged with DNA probe



Background

Interacts with EME1 and EME2 to form a DNA structure-specific endonuclease with substrate preference for branched DNA structures with a 5'-end at the branch nick. Typical substrates include 3'-flap structures, replication forks and nicked Holliday junctions. May be required in mitosis for the processing of stalled or collapsed replication forks.

Note: This product is for in vitro research use only