



MUS81 Mouse mAb

Catalog No	YP-mAb-18904
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	MUS81
Immunogen	Synthesized peptide derived from human MUS81
Specificity	This antibody detects endogenous levels of MUS81 at Human, Mouse,Rat
Formulation	This antibody detects endogenous levels of MUS81 at Human, Mouse,Rat
Source	Monoclonal,Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	SLX3;MUS81;Crossover junction endonuclease MUS81 (EC 3.1.22.-)
Observed Band	70kDa
Calculated Molecular Weight	61kDa
Cell Pathway	Nucleus, nucleolus . Recruited to foci of DNA damage in S-phase cells.
Tissue Specificity	Widely expressed.
Function	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. Plays an essential role in mitosis for the processing of stalled or collapsed replication forks .
Background	
matters needing attention	Avoid repeated freezing and thawing!

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images