

MUS81 Polyclonal Antibody

Catalog NumberPA5-21276

Product data sheet

Details		Species Reactivity	
Size	100 µL	Species reactivity	Human, Mouse, Rat
Host/Isotope	Rabbit / IgG	Tested Applications	Dilution *
Class	Polyclonal		
Type	Antibody	Western Blot (WB)	1:500-1:3,000
Immunogen	Recombinant protein fragment contain a sequence corresponding to a region within amino acids 196 and 370 (Q96NY9) of MUS81	Immunocytochemistry (ICC/IF)	1:100-1:1,000
		* Suggested working dilutions are given as a guide only. It is recommended that the user titrate the product for use in their own experiment using appropriate negative and positive controls.	
Conjugate	Unconjugated		
Form	Liquid		
Concentration	2 mg/mL		
Storage Conditions	-20° C, Avoid Freeze/Thaw Cycles		

Product specific information

PA5-21276 targets MUS81 in IF, ICC and WB applications and shows reactivity with Human, Rat and mouse samples. The PA5-21276 immunogen is recombinant protein fragment contain a sequence corresponding to a region within amino acids 196 and 370 (Q96NY9) of MUS81.

Background/Target Information

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.

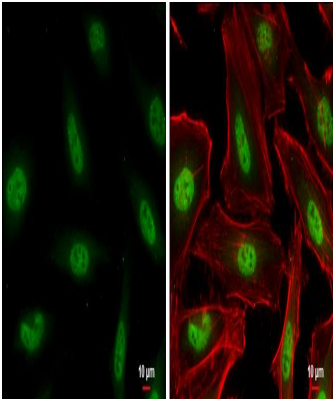
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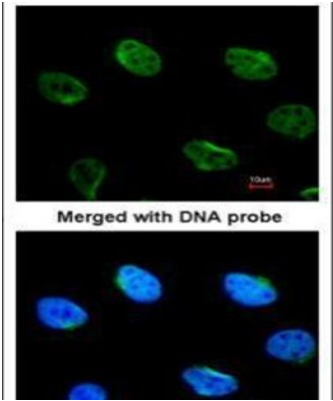
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Product Images For MUS81 Polyclonal Antibody



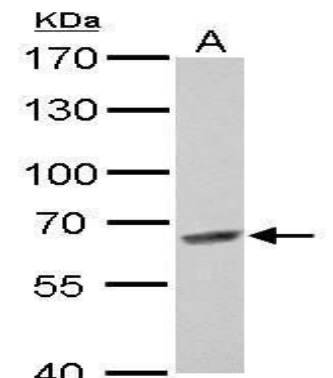
MUS81 Antibody (PA5-21276) in ICC/IF

Immunofluorescent analysis of MUS81 in HeLa cells fixed in 4% paraformaldehyde at RT for 15 min, using a MUS81 polyclonal antibody (Product # PA5-21276). Green: Primary antibody at a dilution of 1:500. Red: Phalloidin, a cytoskeleton marker, diluted at 1:200. Scale bar = 10 μm.



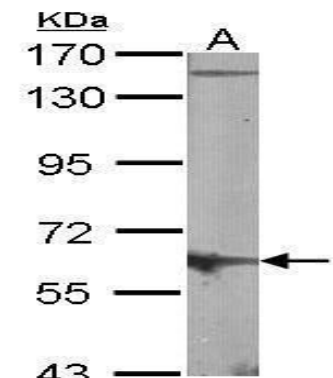
MUS81 Antibody (PA5-21276) in ICC/IF

Immunofluorescent analysis of MUS81 in paraformaldehyde-fixed HeLa cells using a MUS81 polyclonal antibody (Product # PA5-21276) at a 1:100 dilution.



MUS81 Antibody (PA5-21276) in WB

Western blot analysis of MUS81 using 30 μg Rat2 whole cell lysate. Samples were loaded onto a 7.5% SDS-PAGE gel and probed with a MUS81 polyclonal antibody (Product # PA5-21276) at a dilution of 1:1000.



MUS81 Antibody (PA5-21276) in WB

Western blot analysis of MUS81 using 30 μg of NIH-3T3 lysate. Samples were loaded onto a 7.5% SDS-PAGE gel and probed with a MUS81 polyclonal antibody (Product # PA5-21276) at a dilution of 1:1000.

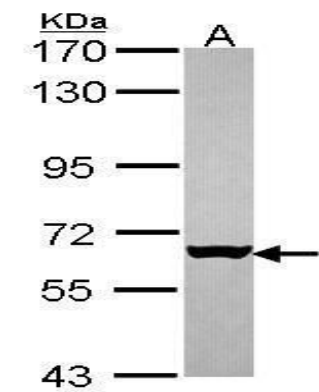
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MUS81 Antibody (PA5-21276) in WB

Western blot analysis of MUS81 using 30µg of HepG2 lysate. Samples were loaded onto a 7.5% SDS-PAGE gel and probed with a MUS81 polyclonal antibody (Product # PA5-21276) at a dilution of 1:500.



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