

Product Name: FEN1 (7H8) Mouse Monoclonal Antibody
Catalog #: AMM03524

Summary

Production Name	FEN1 (7H8) Mouse Monoclonal Antibody
Description	Mouse Monoclonal Antibody
Host	Mouse
Application	WB, ICC/IF
Reactivity	Human, Mouse, Rat, Monkey, Hamster

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG1
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.
Purification	Affinity Purification

Immunogen

Gene Name	FEN1
Alternative Names	FEN1; RAD2; Flap endonuclease 1; FEN-1; DNase IV; Flap structure-specific endonuclease 1; Maturation factor 1; MF1; hFEN-1
Gene ID	2237
SwissProt ID	P39748.

Application

Dilution Ratio	WB: 1:500-1:1000 IF: 1:50-1:200
Molecular Weight	Calculated MW: 43 kDa; Observed MW: 43 kDa

Background

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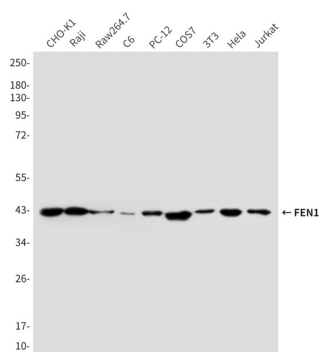


Acts as a genome stabilization factor that prevents flaps from equilibrating into structures that lead to duplications and deletions. Also possesses 5'-3' exonuclease activity on nicked or gapped double-stranded DNA, and exhibits RNase H activity. Also involved in replication and repair of rDNA and in repairing mitochondrial DNA.

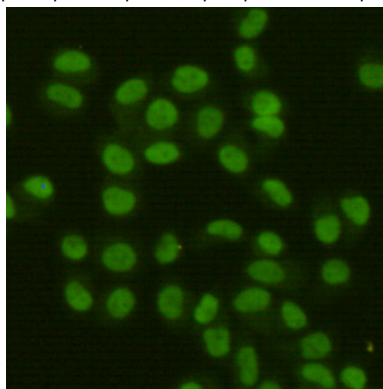
Research Area

Epigenetics and Nuclear Signaling

Image Data



Western blot analysis of FEN1 in HeLa, Jurkat, 3T3, COS7, PC-12, C6, Raw264.7, Raji and CHO-K1 lysates using FEN1 antibody.



Immunocytochemistry analysis of FEN1 (7H8) in HeLa using FEN1 antibody.

Note

For research use only.