

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

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## Summary

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

## Performance

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

## Immunogen

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

## Application

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

## Background

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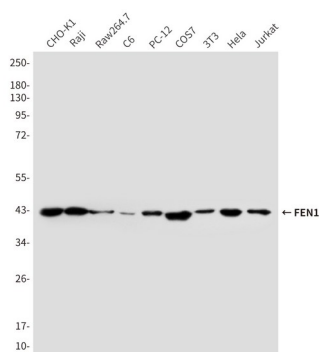
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Acts as a genome stabilization factor that prevents flaps from equilibrating into structures that lead to duplications and deletions. Also possesses 5'-3' exonuclease activity on nicked or gapped double-stranded DNA, and exhibits RNase H activity.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

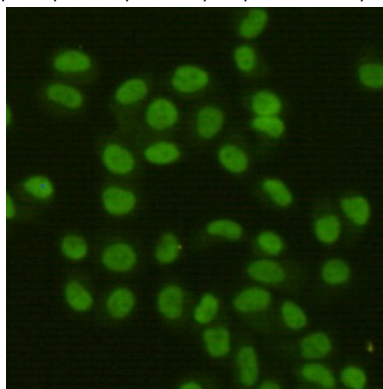
## Research Area

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.