

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

For research use only.

Summary

Description	Mouse monoclonal Antibody
Host	Mouse
Application	WB,ICC/IF
Reactivity	Human,Mouse,Rat,Monkey,Hamster
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG1
Clonality	Monoclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% sodium azide, pH 7.3.
Purification	Affinity Purification

Application

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

Antigen Information

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
Immunogen	A synthetic peptide of human FEN1

Background

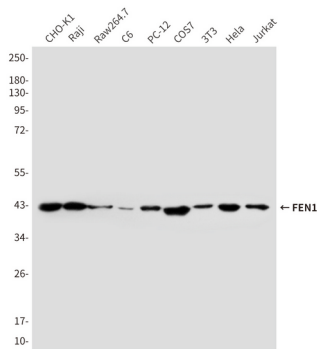
Acts as a genome stabilization factor that prevents flaps from equilibrating into structures that lead to duplications and

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.

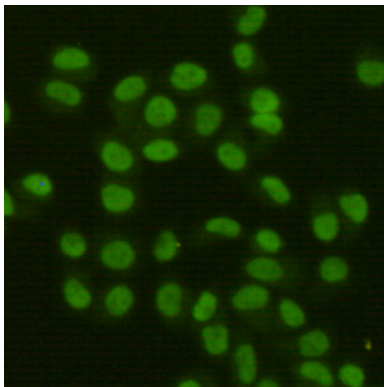
Research Area

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.