

Product Name: FEN1 Mouse Monoclonal Antibody**Catalog #: AMM85065**

For research use only.

Summary

Description	Mouse monoclonal Antibody
Host	Mouse
Application	WB,IP
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse 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	Purified antibody in PBS with 0.05% sodium azide,0.5%protective protein and 50% glycerol.
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:1000,IP 1:10-1:20
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	2237.0
SwissProt ID	P39748
Immunogen	Purified recombinant human FEN-1 protein fragments expressed in E.coli.

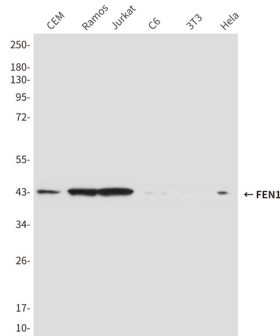
Background

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.

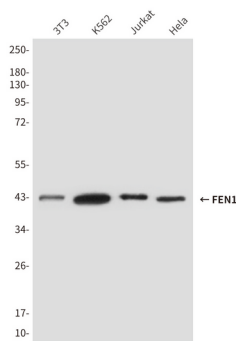
Also involved in replication and repair of rDNA and in repairing mitochondrial DNA.

Research Area

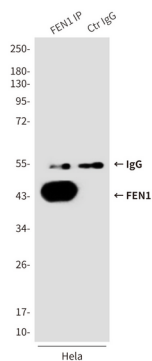
Image Data



Western blot analysis of FEN1 in HeLa, Jurkat, 3T3, C6, CEM and Ramos lysates using FEN1 antibody.



Western blot analysis of FEN1 in HeLa, Jurkat, K562 and 3T3 lysates using FEN1 antibody.



Immunoprecipitation analysis of FEN1 in HeLa lysates using FEN1 antibody.