

Product Datasheet

FEN-1 Mouse mAb

Catalog No: AB3307

Reactivity: Human, Mouse, Rat

Isotype: Mouse IgG1

Applications: WB, IP



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Information

UniProt ID: P39748

All Names: DNase IV; FEN1; Flap endonuclease 1; Flap structure specific endonuclease 1; hFEN-1; hFEN1; Maturation factor 1; MF1; Rad2;

Form: Liquid

Storage instructions: Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Storage buffer: pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

Immunogen: A synthesized peptide

Molecular Wt.: 45KDa

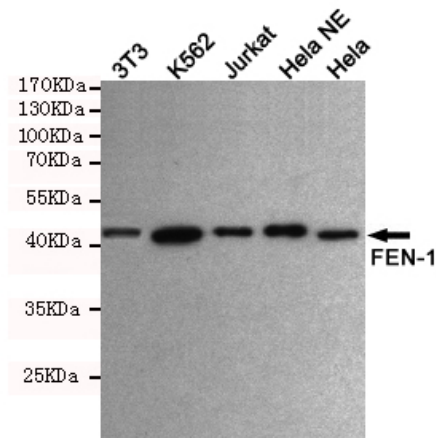
Application

WB 1:1000

IP

Background

Structure-specific nuclease with 5'-flap endonuclease and 5'-3' exonuclease activities involved in DNA replication and repair. During DNA replication, cleaves the 5'-overhanging flap structure that is generated by displacement synthesis when DNA polymerase encounters the 5'-end of a downstream Okazaki fragment. It enters the flap from the 5'-end and then tracks to cleave the flap base, leaving a nick for ligation.



Western blot detection of FEN-1 in HeLa, HeLa NE, Jurkat, K562 and 3T3 cell lysates using FEN-1 mouse mAb (1:1000 diluted). Predicted band size: 45KDa. Observed band size: 45KDa.

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