

FEN1 monoclonal antibody

Catalog: MB66689

Host: Mouse

Reactivity: Human, Mouse, Rat

BackGround:

Flap endonuclease-1 (FEN-1) is a structure-specific nuclease with multiple functions in DNA processing pathways. The replication and DNA repair activities of FEN-1 are critical for genomic stability in the eukaryotic cell. Through interaction with proliferation cell nuclear antigen (PCNA), FEN-1 helps coordinate Okazaki fragment maturation by removing RNA-DNA primers. FEN-1 is also required for non-homologous end joining of double-stranded DNA breaks in long patch base excision repair. The multi-functional activities of FEN-1 are regulated by various mechanisms, including protein partner interactions, post-translational modifications, and subcellular re-localization in response to cell cycle or DNA damage.

Product:

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.

Molecular Weight:

~ 43 kDa

Swiss-Prot:

P39748

Purification&Purity:

The antibody was purified by immunogen affinity chromatography.

Applications:

WB (1/500 - 1/1000), IP (1/10 - 1/50)

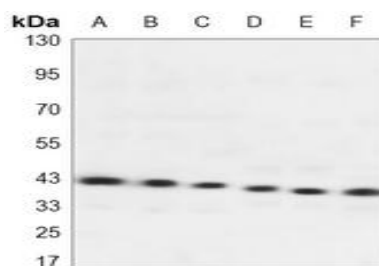
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

Recognizes endogenous levels of FEN1 protein.

DATA:



Western blot analysis of FEN1 expression in Hela (A), Jurkat (B), NIH3T3 (C), C6 (D), CEM (E), Ramos (F) whole cell lysates.

Note:

For research use only, not for use in diagnostic procedure.

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