

**Product Name: FEN1 Rabbit Monoclonal antibody**  
**Catalog #: AMRe04124**



## Summary

|                        |                                        |
|------------------------|----------------------------------------|
| <b>Production Name</b> | FEN1 Rabbit Monoclonal antibody        |
| <b>Description</b>     | Recombinant Rabbit Monoclonal antibody |
| <b>Host</b>            | Rabbit                                 |
| <b>Application</b>     | WB                                     |
| <b>Reactivity</b>      | Human                                  |

## Performance

|                     |                                                                                                      |
|---------------------|------------------------------------------------------------------------------------------------------|
| <b>Conjugation</b>  | Unconjugated                                                                                         |
| <b>Modification</b> | Unmodified                                                                                           |
| <b>Isotype</b>      | IgG                                                                                                  |
| <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>       | 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein |
| <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                           |
| <b>Molecular Weight</b> | Calculated MW: 43 kDa; Observed MW: 43 kDa |

## Background

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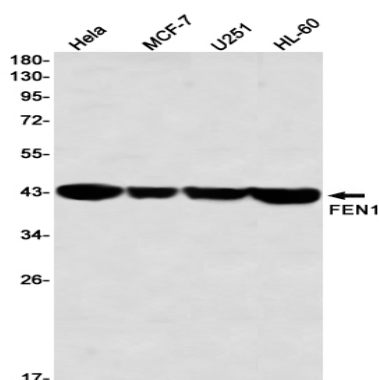


Acts as a genome stabilization factor that prevents flaps from equilibrating into structures that lead to duplications and deletions. Also possesses 5'-3' exonuclease activity on nicked or gapped double-stranded DNA, and exhibits RNase H activity. Also involved in replication and repair of rDNA and in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

## Research Area

Epigenetics and Nuclear Signaling

## Image Data



Western blot analysis of FEN1 in HeLa, MCF-7, U251, HL-60 lysates using FEN1 antibody.

## Note

For research use only.