

FEN-1 (2F10) Rabbit Monoclonal Antibody

Catalog# HZ-YMA01229

Product information

产品货号	HZ-YMA01229
别名	FEN1;RAD2;Flap endonuclease 1;FEN-1;DNase IV;Flap structure-specific endonuclease 1;Maturation factor 1;MF1;hFEN-1
产品名称	FEN-1 (2F10) Rabbit Monoclonal Antibody
类别	抗体产品
基因名称	FEN1
推荐应用	WB,IHC-P,IF-P,IF-F,IF-ICC,ELISA
反应种属	Human,Mouse,Rat
存储缓冲液	PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA
Human Gene ID	2237
Human Swissprot No.	P39748
稀释度	IHC-P 1:500-1:2000, WB 1:2000-1:10000, IF 1:200-1:1000, ELISA 1:5000-1:20000
参考分子量	50kDa
预测分子量	43kDa
运输及保存条件	Biological ice bag transportation. Store at -20℃ for at least 12 months(Do not lower than -25℃). Avoid freeze/thaw cycles
宿主	Rabbit
同种型	IgG,Kappa
背景介绍	The protein encoded by this gene removes 5' overhanging flaps in DNA repair and processes the 5' ends of Okazaki fragments in lagging strand DNA synthesis. Direct physical interaction between this protein and AP endonuclease 1 during long-patch base excision repair provides coordinated loading of the proteins onto the substrate, thus passing the substrate from one enzyme to another. The protein is a member of the XPG/RAD2 endonuclease family and is one of ten proteins essential for cell-free DNA replication. DNA secondary structure can inhibit flap processing at certain trinucleotide repeats in a length-dependent manner by concealing the 5' end of the flap that is necessary for both binding and cleavage by the protein encoded by this gene. Therefore, secondary structure can deter the protective function of this protein, leading to site-specific trinucleotide expansions
细胞定位	[Isoform 1]: Nucleus, nucleolus. Nucleus, nucleoplasm. Resides mostly in the nucleoli and relocalizes to the nucleoplasm upon DNA damage.; [Isoform FENMIT]: Mitochondrion .
Clonality	Monoclonal