

小鼠抗 FEN1 单克隆抗体

- 中文名称： 小鼠抗 FEN1 单克隆抗体
- 英文名称： Anti-FEN1 mouse monoclonal antibody
- 别名： flap structure-specific endonuclease 1; MF1; RAD2; FEN-1
- 相关类别： 一抗
- 储存： 冷冻（-20℃）
- 宿主： Mouse
- 抗原： FEN1
- 反应种属： Human, Mouse, Rat
- 标记物： Unconjugate
- 克隆类型： Mouse Monoclonal

技术规格

Background:

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

	d 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.
Applications:	WB, IP
Name of antibody:	FEN1
Immunogen:	Fusion protein of human FEN1
Full name:	flap structure-specific endonuclease 1
Synonyms:	MF1; RAD2; FEN-1
SwissProt:	P39748
WB Predicted band size:	43 kDa
WB Positive control:	3T3, K562, Jurkat, HeLa NE and HeLa cell lysates
WB Recommended dilution:	1000-5000



