

FEN-1 Monoclonal Antibody

ORDERING INFORMATION

Catalog No.: 56208

Size: 100 ug in 10 mM PBS, pH 7.4.

BACKGROUND

FEN-1 (Flap Endonuclease and Five Prime Exonuclease) is a 42 kD protein that functions as an endonuclease that cleaves branched DNA structures containing single-stranded 5' flaps or as an exonuclease on DNA nicks and gaps. FEN-1 endonuclease and exonuclease activities are stimulated by an association with proliferating cell nuclear antigen (PCNA) in the nucleus. FEN-1 appears to have important roles in DNA replication and repair and is required in cell-free DNA replication systems.

SPECIFICATION SUMMARY

Antigen: Recombinant human FEN-1 protein (aa 1-380) purified from baculovirus-infected Sf-9 cells.

Host Species: Mouse

Stabilizers: None

Preservatives: None. Available on request.

SPECIFICITY

This antibody recognizes human FEN-1.

APPLICATIONS

Immunoblotting: use at 1-5 ug/ml.

Positive controls: MCF-7 cells and recombinant fusion protein.

DILUTION INSTRUCTIONS

Dilute in PBS or medium which is identical to that used in the assay system.

STORAGE AND STABILITY

This antibody is stable for at least one (1) year at -20°C. Avoid multiple freeze-thaw cycles.

For in vitro investigational use only. Not for use in therapeutic or diagnostic procedure