

Anti-DNA polymerase δ subunit p66 antibody, monoclonal (2A1C11)

70-055 50 μ g 70-056 250 μ g

Polymerase δ is one of the three essential DNA polymerases of eukaryotes for chromosome replication, and also involved in nucleotide excision repair, base excision repair and VDJ recombination (1, 2). p66 is a functionally important subunit of human polymerase δ , stabilizes polymerase δ complex and increases the affinity of polymerase δ for PCNA (3).

This product is the IgG fraction purified from serum-free culture medium of mouse hybridoma (2A1C11) by propriety chromatography under mild conditions.

Applications

1) Western blotting. 2) Immunoprecipitation. 3) Other applications, not tested

Antigen: Recombinant human p66 subunit of DNA polymerase δ

Reactivity: Human p66 protein, not tested for other species

Isotype: IgG2B (kappa)

Form: Purified monoclonal antibody (IgG) 1mg/ml in PBS (pH 7.4)

50% glycerol, sterile-filtered, azide free

Storage: -20°C (long period, -80°C)

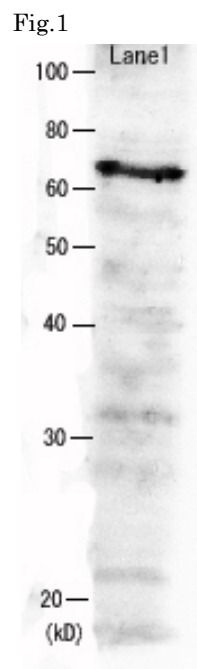
References: This product was used in references 3.

1. Hindges R and Hubscher U Biol. Chem. 378, 345-362 (1997)
2. Johnson A and O'Donnell M. Annu Rev Biochem 74: 283 (2005)
3. Shikata K et al. J. Biochem. 129, 699-708 (2001)

Fig.1 Detection of p66 protein of polymerase δ by Western blotting.

Lane 1 Extract of MCF7 cells.

The antiserum was diluted 2000 fold before use.



Related Products

70-051 Anti-DNA polymerase δ catalytic subunit p125 antibody,
monoclonal (8A5E3) Best for western blotting

70-053 Anti-DNA polymerase δ catalytic subunit p125 antibody,
monoclonal (2C2C8) Best for immunoprecipitation

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