



## DNA pol α Monoclonal Antibody

Catalog No         BYmab-01654           Isotype         IgG           Reactivity         Human;Rat;Mouse;           Applications         WB           Gene Name         POLA1           Protein Name         DNA polymerase alpha catalytic subunit           Immunogen         The antiserum was produced against synthesized peptide derived from human DNA Polymerase alpha. AA range:81-130           Specificity         DNA pol a Monoclonal Antibody detects endogenous levels of DNA pol a protein.           Formulation         Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.           Source         Monoclonal, Mouse,IgG           Purification         The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.           Dilution         WB 1:500-2000           Concentration         1 mg/ml           Purity         ≥90%           Storage Stability         -20°C/1 year           Synonyms         POLA1; POLA; DNA polymerase alpha catalytic subunit; DNA polymerase alpha catalytic subunit p180           Observed Band         165kD           Cell Pathway         Nucleus . Cytoplasm, cytosol . In the cytosol, colocalizes with RNA:DNA hybrids with a speckled pattern           Tissue Specificity         Catalytic activity:Deoxynucleoside triphosphate + DNA(n+1), function:Polymerase alpha in a compl		
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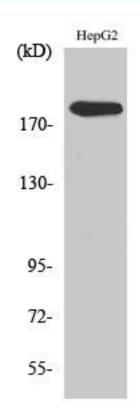






Background	This gene encodes the catalytic subunit of DNA polymerase, which together with a regulatory and two primase subunits, forms the DNA polymerase alpha complex. The catalytic subunit plays an essential role in the initiation of DNA replication. [provided by RefSeq, Mar 2010],
matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

## **Products Images**



Western Blot analysis of various cells using DNA pol  $\alpha$  Monoclonal Antibody

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