



DNA pol ε B Monoclonal Antibody

Catalog No	YP-mAb-02220
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	POLE2
Immunogen	Synthesized peptide derived from the Internal region of human DNA pol ε B.
Specificity	DNA pol ε B Monoclonal Antibody detects endogenous levels of DNA pol ε B 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 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	DNA polymerase epsilon subunit 2;DNA polymerase epsilon subunit B;DNA polymerase II subunit 2;DPE2;DNA pol ε B;POLE2
Observed Band	59kD
Calculated Molecular Weight	59kD
Cell Pathway	Nucleus.
Tissue Specificity	T cells,
Function	catalytic activity:Deoxynucleoside triphosphate + DNA(n) = diphosphate + DNA(n+1).,function:Participates in DNA repair and in chromosomal DNA replication.,miscellaneous:In eukaryotes there are five DNA polymerases: alpha, beta, gamma, delta, and epsilon which are responsible for different reactions of DNA synthesis.,similarity:Belongs to the DNA polymerase epsilon subunit B family.,subunit:Consists of four subunits: POLE, POLE2, POLE3 and POLE4.,
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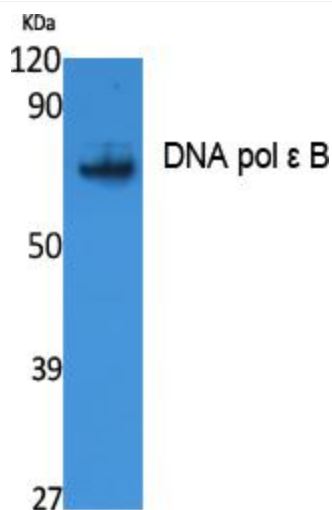
matters needing attention

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 ε B Monoclonal Antibody