

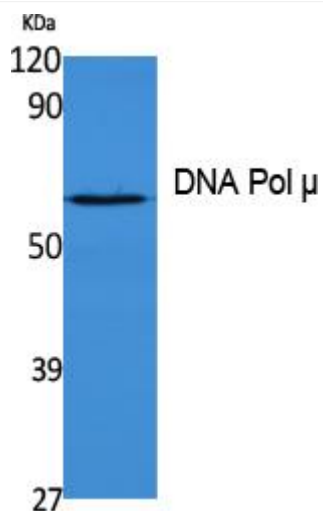


DNA Pol μ Monoclonal Antibody

Catalog No	YP-mAb-02227
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB
Gene Name	POLM
Protein Name	DNA-directed DNA/RNA polymerase mu
Immunogen	Synthesized peptide derived from DNA Pol μ . at AA range: 210-290
Specificity	DNA Pol μ Monoclonal Antibody detects endogenous levels of DNA Pol μ 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	$\geq 90\%$
Storage Stability	-20°C/1 year
Synonyms	POLM; polmu; DNA-directed DNA/RNA polymerase mu; Pol Mu; Terminal transferase
Observed Band	54kD
Cell Pathway	Nucleus .
Tissue Specificity	Expressed in a number of tissues. Abundant in thymus.
Function	catalytic activity:Deoxynucleoside triphosphate + DNA(n) = diphosphate + DNA(n+1).,cofactor:Magnesium.,function:Seems to act as an Ig mutase which is responsible for immunoglobulin (Ig) gene hypermutation.,similarity:Belongs to the DNA polymerase type-X family.,similarity:Contains 1 BRCT domain.,tissue specificity:Expressed in a number of tissues. Abundant in thymus.,
Background	catalytic activity:Deoxynucleoside triphosphate + DNA(n) = diphosphate + DNA(n+1).,cofactor:Magnesium.,function:Seems to act as an Ig mutase which is responsible for immunoglobulin (Ig) gene hypermutation.,similarity:Belongs to the DNA polymerase type-X family.,similarity:Contains 1 BRCT domain.,tissue specificity:Expressed in a number of tissues. Abundant in thymus.,
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 μ Monoclonal Antibody