



RPOM Monoclonal Antibody

Catalog No	YP-mAb-05539
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB
Gene Name	POLRMT
Protein Name	DNA-directed RNA polymerase, mitochondrial (MtRPOL) (EC 2.7.7.6)
Immunogen	Synthesized peptide derived from part region of human protein
Specificity	RPOM Monoclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, 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	
Observed Band	135kD
Cell Pathway	Mitochondrion .
Tissue Specificity	Aorta endothelial cell,Brain,Liver,
Function	catalytic activity:Nucleoside triphosphate + RNA(n) = diphosphate + RNA(n+1).,function:DNA-dependent RNA polymerase catalyzes the transcription of DNA into RNA using the four ribonucleoside triphosphates as substrates.,similarity:Belongs to the phage and mitochondrial RNA polymerase family.,subunit:Interacts with TFB1M and TFB2M, leading to the stimulation of transcription.,
Background	This gene encodes a mitochondrial DNA-directed RNA polymerase. The gene product is responsible for mitochondrial gene expression as well as for providing RNA primers for initiation of replication of the mitochondrial genome. Although this polypeptide has the same function as the three nuclear DNA-directed RNA polymerases, it is more closely related to RNA polymerases of phage and mitochondrial polymerases of lower eukaryotes. [provided by RefSeq, Jul 2008],
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